MACKENZIE VALLEY PIPELINE INQUIRY

IN THE MATTER OF THE APPLICATIONS BY EACH OF

- (a) CANADIAN ARCTIC GAS PIPELINE LIMITED FOR A RIGHT-OF-WAY THAT MIGHT BE GRANTED ACROSS CROWN LANDS WITHIN THE YUKON TERRITORY AND THE NORTHWEST TERRITORIES, and
- (b) FOOTHILLS PIPE LINES LTD. FOR A RIGHT-OF-WAY THAT MIGHT BE GRANTED ACROSS CROWN LANDS WITHIN THE NORTHWEST TERRITORIES FOR THE PURPOSE OF A PROPOSED MACKENZIE VALLEY PIPELINE

and

IN THE MATTER OF THE SOCIAL, ENVIRONMENTAL AND ECONOMIC IMPACT REGIONALLY OF THE CONSTRUCTION, OPERATION AND SUBSEQUENT ABANDONMENT OF THE ABOVE PROPOSED PIPELINE

(Before the Honourable Mr. Justice Berger, Commissioner)

Hay River, N.W.T. May 29, 1975.

PROCEEDINGS AT COMMUNITY HEARING

Volume 5

The 2003 electronic version prepared from the original transcripts by
Allwest Reporting Ltd.
Vancouver, B.C. V6B 3A7 Canada
Ph: 604-683-4774 Fax: 604-683-9378

www.allwestbc.com

APPEARANCES

Prof. Michael Jackson for Mackenzie Valley Pipe-

line Inquiry;

Mr. Darryl Carter for Canadian Arctic Gas

Pipeline Limited;

Mr. Alan Hollingworth for Foothills Pipelines

Ltd.;

Mr. Glen W. Bell for Northwest Territories,

Indian Brotherhood and Metis Association of the Northwest

Territories;

I N D E X	Page
WITNESSES:	
Rufus B. GRAVES	327,395
Earl DEAN	343
Mrs. Nora THORSON	351
Donald TETRAULT	383
Don STEWART	408,431
Edward FRASER	436,451
Douglas CHASE	421
Al WORKMAN	428
Al VAIL	442
MRS. WRIGHT	450,469
Don FERGUSON	455
Stan LANTZ	470
Jack WALKER	474
WITNESS FOR CANADIAN ARCTIC GAS PIPELINE	LTD.:
Al WORKMAN	428
Wayne TRUSTEE	120
	467

Hay River, N.W.T. May 29, 1975. 1 (PROCEEDINGS RESUMED PURSUANT TO ADJOURNMENT) 2 THE COMMISSIONER: Well, we 3 will call our meeting to order this afternoon. 4 should say for those of you who were here last even-5 ing that Mr. Morin, a fisherman, invited me to come 6 7 out today to the West Channel, so I went out there this morning and Mr. Morin and Mr. Studney, who also 8 gave evidence last night, showed me around the boats 9 and the pier that the fishermen have out there on the 10 West Channel. I also saw the barge that is being built 11 there for Dome Petroleums. 12 Well, we will start this 13 afternoon and just as yesterday, anyone who has 14 anything to say can just go right ahead and say it, and 15 you can just say what is on your mind. You don't have 16 17 to have a prepared brief. You can stand up or remain seated, whatever makes you feel most comfortable, so I 18 am in your hands. 19 Yes sir. We will just swear 20 you in, if you don't mind, before you begin. 21 22 MR. GRAVES: All right. 23 THE COMMISSIONER: You can be seated, if you wish, sir. That other microphone might 24 25 be more comfortable. RUFUS B GRAVES, sworn: 26 THE WITNESS: I am Rufus B. 27 Graves, Superintendent of Education for the Government 28 l of the Northwest Territories, but that is my work that 29 I do in the Community of Hay River; but I am not

appearing on behalf of the Government. I am appearing 1 as an individual who is very concerned with the 2 impact and what happens in the area of education 3 in Hay River and other communities. The communities 4 that I have a great deal of interest in are Hay 5 River, the Hay River Indian village, Enterprise, 6 Kakisa Lake, Fort Providence, and Pine Point. 7 The reason that I bring Pine Point into it is for 8 the very simple fact that we have grade 11 and 12 9 students being transported daily to Hay River from 10 Pine Point to attend Diamond Genness Secondary 11 School. 12 13 There are some areas, a number of areas, I guess, probably about five or six 14 that I would like to touch on to bring forth what is 15 actually going to happen to me and to the educational 16 community of this particular area. 17 At the present time, I 18 19 have been here four years, we have something like, we have 900 students in the Hay River school system. 20 There are on Vale Island, which is referred to as 21 the Old Town area, there are approximately 350 student 22 and the buildings are relatively old, Camsell School 23 which was formerly the Hay River High School. 24 tore down a certain section of it and now we use 25 the remaining portions and have for the last two 26 years, three years, to house students in Grade 6 and 7 27 28 only. 29 St. Paul's takes care of Grades 4 and 5. As you are well aware the austerity program

that are being experienced by people in 1 education in the territories, is making it doubly 2 difficult for us to meet, say, current requirements, let 3 alone projected requirements at this particular stage, 4 so I am quite concerned about it as a citizen here and I 5 can see that if we are looking at buildings alone that 6 with a construction program there will be -- has 7 already been set ahead and we are looking at '77, if 8 they were to start in '77 we would not be able to house 9 them in our present 10 circumstances. 11 We now have accommodation for 12 approximately, to my guess-timating, of 13 approximately 1,100 students which would crowd the 14 facilities in Hay River if they were to be filled to 15 that number. Of course, I can see us with a number of 16 Atco units on the grounds, we have ample grounds to 17 put units on to serve the needs as far as 18 accommodation is concerned for students. If they come 19 through in the things that I hear, like for example 20 that the population will double in Hay River alone in 21 22 the next -- say, within the next two years, then with 42 teachers on staff now, we're not looking at only 23 92, you're just doubling the requirements if the 24 school population doubled, but we are also looking at 25 the problems that are brought to us which ' require 26 councilors for the students, special education 27 programming, increased administrative staff, plus the 28 various clerks and people that carry on other 29 functions, such as the 30

custodial forces and things of this nature. 1 My experience has been over the 2 past four years that there are difficulties in staffing. 3 It has improved considerably in the past two or three 4 years. Looking at other areas we bus children from 5 Enterprise. At Enterprise we bring in some thirty odd 6 kids, 35 to 38 children along the corridor they call 7 it, which is from Hay River, Mile 5910 and so on out to 8 Enterprise and at Enterprise surprisedly I have had 9 requests, you see, to establish a small school there and 10 I have denied this because of the numbers are not 11 sufficient in order to establish a program there. 12 13 But with that as a staging area, it would appear that I would be faced with the 14 setting up of probably anywhere from two to four 15 buildings there to serve the increase in population 16 17 will take place once that is set maybe as a staging 18 area. 19 THE COMMISSIONER: I'm sorry, 20 two to four --21 Α Two to four Atco units, portable units to house the school population, and I 22 haven't mentioned the fact that when we start in with 23 the increase in the school population, you also are 24 increasing staff but that has an attendant fact, and 25 that is the increase in the requirements for 26 accommodation for teaching staff, as well as other 27 personnel associated with the operation of the school. 28 29 Q Do you provide accommodation for your teachers?

Α Yes, accommodation is 1 2 provided for all teachers, furnished accommodation, and so this presents us with quite a problem. We've had 3 difficulty in meeting these requirements up until this 4 5 year. 6 I might add and say at this point that there was a 7 to 8% growth rate experienced 7 in Hay River in the first three years that I was here, 8 and going back two years prior and basing it on a five-9 year growth factor. But this year --10 11 What were those three 12 years? 13 Α O.K., let's go back to '71, each year since '71 we've had a 7 to 8% increase. 14 That's in school population? 15 16 In school population, I'm speaking of the school student population. This 17 year we anticipated, with a growth of 7 plus, that we 18 would have a student population here of something close 19 to 1,000, but we are now this year nearly at zero 20 growth in student population. Things have come to a 21 22 screeching halt here, so to speak, as far as the influx of students. However, this doesn't mean that people are 23 not moving into the community. One of the experiences 24 we had at Pine Point, for example, is that we estimated 25 there would be 1,5 students per unit of housing; it 26 turned out that it was a little less than 1, so this 27 kind of throws your crystal ball out of whack. 28 29 Of course, the crystal ball this year, we're not looking into the future but we

```
have looked backwards to September, 1974, and my
1
   staffing is based on September '74 actual enrolment at
2
   that particular me.
                           So you see there's no
3
   provision made for any increased enrolments at this
4
             So if we're hit with a tremendous increase
5
   you know, we're going to be faced with accommodations
6
   and buildings and increased funding and so on and
7
   so forth, which I hope it will come from somewhere.
8
   But I'm faced with the problems of making provision for
9
   these locally, and all the problems that go with it.
10
                              The Kakisa Lake area -- Kakisa is
11
   not that great a problem because we have children going in a
12
   hostel and also attending in Fort Providence.
13
                              Fort Providence would present
14
   an additional problem too, in the event that they have
15
   a staging area there, which means that with a school
16
   population of 200, and formerly 10 teachers, but I've
17
   been cut back to 9, then we are looking at, say there's
18
   an influx of population there, we have additional
19
   problems. Fortunately we do have building space to
20
   maybe accommodate up to around 250 to 260.
21
22
                                   That's the school at
23
   Providence?
                                   At Fort Providence, yes.
24
25
                              One of the things that I'm
   involved in, other than the in-school program, most
26
   people would identify -- I shouldn't talk from that
27
   point of view, as a citizen you know I should speak
28
   some other way -- but I'm also involved and concerned
29
    about what we call continuing special education, which
30
```

1	has to do with tradesmen and trade qualifications and
2	certification. To give you an idea of what you're
3	asking, you know you were wanting to know about the
4	impact.
5	Last year in 1974 we had
6	tradesmen applying for certification, 39. This year
7	since January 1^{st} we have already had 38 people. So at
8	that rate we're looking at something, if we were to
9	continue this accelerated rate, then we would be
10	looking by the end of this year theoretically at four
11	times that much, approximately 160 trades
12	qualifications.
13	Q Are you talking about
14	the south Slave?
15	A That's right. I take
16	care of, out of my office we take care of all the
16 17	care of, out of my office we take care of all the trades qualifications, all the apprenticeship
	·
17	trades qualifications, all the apprenticeship
17 18	trades qualifications, all the apprenticeship programing, and that's for Hay River, Providence, Pine
17 18 19	trades qualifications, all the apprenticeship programing, and that's for Hay River, Providence, Pine Point, Cominco Mines and also we have been working to
17 18 19 20	trades qualifications, all the apprenticeship programing, and that's for Hay River, Providence, Pine Point, Cominco Mines and also we have been working to take care of Fort Smith.
17 18 19 20 21	trades qualifications, all the apprenticeship programing, and that's for Hay River, Providence, Pine Point, Cominco Mines and also we have been working to take care of Fort Smith. For example, we've had just
17 18 19 20 21 22	trades qualifications, all the apprenticeship programing, and that's for Hay River, Providence, Pine Point, Cominco Mines and also we have been working to take care of Fort Smith. For example, we've had just enquiries for trades qualifications something like over
17 18 19 20 21 22 23	trades qualifications, all the apprenticeship programing, and that's for Hay River, Providence, Pine Point, Cominco Mines and also we have been working to take care of Fort Smith. For example, we've had just enquiries for trades qualifications something like over 204 people made enquiries about trades qualifications.
17 18 19 20 21 22 23 24	trades qualifications, all the apprenticeship programing, and that's for Hay River, Providence, Pine Point, Cominco Mines and also we have been working to take care of Fort Smith. For example, we've had just enquiries for trades qualifications something like over 204 people made enquiries about trades qualifications. Q You mean about obtaining
17 18 19 20 21 22 23 24 25	trades qualifications, all the apprenticeship programing, and that's for Hay River, Providence, Pine Point, Cominco Mines and also we have been working to take care of Fort Smith. For example, we've had just enquiries for trades qualifications something like over 204 people made enquiries about trades qualifications. Q You mean about obtaining them?
17 18 19 20 21 22 23 24 25 26	trades qualifications, all the apprenticeship programing, and that's for Hay River, Providence, Pine Point, Cominco Mines and also we have been working to take care of Fort Smith. For example, we've had just enquiries for trades qualifications something like over 204 people made enquiries about trades qualifications. Q You mean about obtaining them? A That's right.
17 18 19 20 21 22 23 24 25 26 27	trades qualifications, all the apprenticeship programing, and that's for Hay River, Providence, Pine Point, Cominco Mines and also we have been working to take care of Fort Smith. For example, we've had just enquiries for trades qualifications something like over 204 people made enquiries about trades qualifications. Q You mean about obtaining them? A That's right. Q Not about hiring them.

1 2

3

4

5

6

7

8

9

10

11

12

13

14

15 16

17

18

19

20

2122

23

2425

26

2728

29

Α Certification for the Territories in order to carry out their jobs. What happens is if you're looking at a force that's coming in here, you know, with the present rate we're going to double, and most of the people who come in here will be people who have or are in different -- they're either journeymen for trade certification here, transfers, or they're working on the various apprenticeship years, and they come in and they must be registered with us, and most of the people who have been coming in here are people who will be qualified. In other words, the qualifications that they have are not obtainable in the Territories and we will be in a position where we will have to take care of all of that, and I have one man that does this. Just in the apprenticeship program alone we have something like 60 some-odd people in the apprenticeship. We figured it out if he were to visit according to the requirements, four times a year is required, or once a month in the first year, we'd have something like eight or 900 visits, you see, and it's impossible to do that. There are a number of points that I could touch on, but I -- in giving you some ideas. Well, go ahead, don't 0 stint yourself. I'm anxious to hear anything you've got to add. Α One aspect of course is the bussing business, and that is always a very tender point

here. I certainly have had my raps over bussing before; but 1 that's part of the deal. But the bussing --2 3 Q It goes with the job. That's right. Right now I've 4 Α already -- there's a lot of things that go with it, that it 5 doesn't say anything about in the fine print. 6 7 The bussing we are now involved in with the situation I have, we can 8 conceivably see doubling of bussing, which would run to 9 the tune of something, \$100,000-something a year which 10 we're already up to 60-70,000 a year. So the money 11 aspect is something to really be considered. 12 Staffing, of course I men-13 tioned the problems that, not just obtaining a teacher 14 for a classroom but also the auxilliary personnel in 15 order to render the services that the people expect 16 from us in the educational program. You know, people 17 move in and they assume automatically that we will be 18 able to provide for their children, and we have people 19 come into the Territories that bring to us many 20 problems. They, for example, with children who are 21 22 presently enrolled in special education programs in say the City of Edmonton. They come to Hay River, we do 23 not have that facility. We do not have schools for 24 them. We are not able to provide the type of 25 specialized training programs at this time. We do the 26 very best we can. We send children out for training, 27 you know, the hard of hearing, visual and so on; but it 28 taxes us another 29 you know, it's a very difficult problem.

1 2

3

4

5

6

7

8

9

A lot of people, I don't know whether they're aware when they're employed in the Territories, but they must be aware that if they have some physical or mental difficulty, you know problem child, or even themselves, such as diabetic and so on and so forth, of a serious nature and so on, that we have very good facilities here, but at present with a 22-bed hospital for example, and you throw in 8,000 people for a 22-bed hospital, it's going to be pretty rough just in that area. I might mention that. 10 The funding, of course, 11 that's something that will probably automatically come 12 once they hit us. Like when they say, "Whenever you see 13 the whites of their eyes." 14 But we have a lot of brown 15 eyes, you know, so we've got to take care of them. 16 Under local training, for example I have the 17 responsibility to take care of the basic literacy 18 programs, adult education, adult upgrading of people so 19 they can take advantage of the employment. In fact, we 20 have used the damage in their secondary school or adult 21 22 educational programs. We're trying to work it as a Community Education Centre, not just a secondary 23 24 school. A number of these points on 25 training, I don't have anything to do with AVTC in Fort 26 Smith, of course that's something else, but we send numbers 27 of people in there for training. We have a lot of unskilled 28 people here, but we try to send the numbers out to Fort 29 Smith, We would like to take care of the programming locally

and we're making strides to do that within our own community. 1 In fact, I think most people in the pipeline business run 2 into the fact that when we take an individual from his 3 community and he's away for six months at a time, your 4 chances of losing him are very high because of the changing 5 of his particular environment. So we look at and recognize 6 7 that here. The problems that we are 8 looking at also in looking way into the future is the 9 aftermath, What happens after we've built all the 10 schools and the Atco Units and we have them here and 11 then within ten years you see everyone's gone? So it's 12 a crystal ball that a person has to look into. 13 If there's one recommendation 14 I could make, it would be that we, like everyone else, 15 is looking for, is to have as much lead time as 16 possible to prepare for orderly development. That would 17 be our wish, but I can imagine when this thing goes it 18 will move very rapidly. I just leave it like that then. 19 If I can answer any questions 20 for you I'll be glad to do so. 21 22 THE COMMISSIONER: I have a few questions that are not particularly well organized, 23 but they occurred to me while you were speaking. 24 25 I visited that barge that I think a man named Mr. Gill is assembling on the 26 West Channel, and he told me that most of his crew were 27 local people, and they appear to be mostly welders 28 because they are assembling panels., steel panels that 29 had been shipped from Vancouver, I think. Would you

have certificated the welders that he's using there? 1 Would they have any certification at all? 2 Well, they would be 3 Α certificated in B.C., which is acceptable here for 4 What we are interested in is 5 them to work here. those that are on the apprenticeship program who wish 6 7 to continue their apprenticeship until they reach their journeyman ticket. This would be one of the things we 8 run into. 9 In most provinces there is a 10 registration required for journeymen. At this time I 11 believe in the Territories we do not have the 12 requirement of registration for all journeymen. This 13 would pose us a big problem if the registration of 14 these people, so it would call for an additional 15 staffing in my office to accommodate this influx. 16 17 I look for, you know, the skilled crafts in are the ones who will be pouring in 18 to the north. Of course, when you are looking at four 19 years, three and four, six years to train for a 20 particular skill. We have no time now. They have been 21 22 working for some, I'd say three years, in doing some work in the direction of providing training; but it's a 23 24 pretty slow business. One thing about it is that 25 not everyone wants to be a welder or a carpenter or 26 whatever it may be. So we automatically have 27 selectivity there where they do not -- you know, we can 28 only take care of so many carpenters here. Like heavy 29 duty equipment, we have lots of heavy duty equipment.

It seems like everyone I run into has had a heavy duty equipment training course but there's not that many D-8's around for a guy to run. But the limited training program, its very complicated, very complex and very difficult because you know, they're not going to come to us and appeal to me and say, "We need 20 welders," and they know darn well we cant provide 20 welders like that. It just won't happen. We can gradually train people.

I was reading information that once the pipeline would be set, that years and years ago they used to have five or ten families at pump or compressor stations. Now they run it all by computer in Toronto.

Q Calgary, I think.

A Is it Calgary? Well, of course you probably recognize its somewhere else besides here, but I grew up in Texas and the compressor stations, I've seen them where they were abandoned and all it was was just an automatic device. No one around except maybe one fellow to open and close the gate in case the inspector came by.

THE COMMISSIONER: Well, I think that Mr. Workman, who is here from Arctic Gas, told us last night there would be something on the order of 200 people employed once the pipeline is in operation, and I think for the most part he made it clear they would be employed at Inuvik, Norman Wells, and Fort Simpson. So that your query, after its constructed what do we do with all these schools and

hospitals and housing and roads you built, is one 1 that this Inquiry has to think about and you people 2 here in Hay River have to do some hard thinking about. 3 There is, of course, as I 4 think you all know, what is called a real likelihood of 5 looping which means there would be continuing 6 construction over a period of a decade or a little 7 more, but that wouldn't be quite as intense as the 8 initial three year construction programs, as I 9 understand it. 10 Can I ask you another question? 11 Pine Point, you said 12 0 that you had 38 people that you certificated last year 13 in various trades, and that would be for the South 14 Slave region and the communities you spoke of earlier. 15 16 Α This doesn't count the -- we're only talking about the completion of 17 apprenticeship programming for certification. 18 19 Here in the Territories. Here in South Slave. 20 Α Just across here, and in 21 22 Hay River obviously we take care of, let's see, I'd probably say 70% of all of it. 23 In the Territories? 24 25 Α Yes, So you see, we're looking at a population that I maintain is -- people 26 are, I don't know what it is but they don't seem to 27 realize that when you go across from Wrigley, Simpson, 28 and up there, and go across to here and include Fort 29 Smith and Resolution, you're looking at probably one-30

fourth of the population of the Territories. 1 2 Q I know. You've got 4,000 people 3 Α here, you've got 2,100 at Pine Point and they keep 4 telling me they're going to grow like crazy, that's 5 6,100, another 5, 6, 700, that's 8,000 people right 6 across here. Then you throw in Fort Smith, which is say 7 a couple of thousand, ten, and then you go over to 8 Simpson and pick up another thousand, 1,500 or around 9 there, you've got another 38,000, it runs about a 10 third. 11 12 Q Yes. Α So there's a lot of --13 and the one thing, everything has not percolated down 14 through here yet. We've had a lot of information and 15 what-not, but to my knowledge this is the first time 16 17 well, that we've had anything, you know, input directly into what's being, you know, put together. 18 19 Q At any rate you said last year you certificated about 38 people who 20 21 completed your trades training program? 22 Α Not ours, but they came 23 into the Territories on completion, such as at Pine Point and Hay River both, 24 25 Oh, I see. Q Once they were 26 Α tradesmen; they were in Pine Point and Hay River, 27 28 I was just going to ask 29 you that. 30 Α Yeah.

1	Q Out of the 38
2	A Well, let's put it this
3	way. We have something like I stand to be corrected
4	I didn't bring the figures because that's not my
5	situation, I'm just trying to pull it out but I'd
6	say that we have something like oh, maybe 60-70 of our
7	apprentices operating out of say Pine Point, and the
8	balance of about 90- 100, and that's people in various
9	phases of the apprenticeship program, in Hay River,
10	Enterprise and there. We have only about say we have
11	20 or 30 in Fort Smith. So you see they all move.
12	There's a heavy concentration out here. This is the
13	industrialized area of the north in a sense. This is
14	the only place that I'd say private enterprise exceeds
15	the governmental type.
16	Q Hay River and Pine Point?
17	A Sure.
18	Q Those are the only two
19	places?
20	A Yes.
21	Q I'm sure you're right.
22	A And one of the things that
23	perturbs me a little bit is that people have the assumption
24	that since there is a good income in a community, of the
25	average people, say for example that there is no correlation
26	between ,a good income in a sense and the social problems
27	that you experience. There are a lot of problems, you know,
28	in communities where people make good money, there's no doubt
29	about it. So a lot of people say, "Well, they don't need
30	certain assistance and what-not in family counselling and
	·

things of this nature," and that's wrong. They certainly do, 1 but that's not in my area. I'm not involved in social 2 development type of programs. 3 Just without asking you for 4 precise figures, how would you break down those 38 people who 5 completed their trades training here last year among the 6 7 trades? Α I'd say the large 8 percentage of them were involved in heavy duty 9 equipment operation. 10 At Pine Point? 11 Q Which would be at Pine 12 Α Point, You see, our office works -- well, all the 13 apprentices there are handled through our office in Hay 14 River, So we have one man to take care of it, and now 15 there is to be two. 16 17 I might add that the apprenticeship program, which is now being transferred 18 under economic development, will not be tied in with 19 the Education Department, which I have no comment on 20 21 that. 22 0 I won't ask about it then. I just -- forgive me for asking you again but I 23 want to make sure I understand it. Do you have -- you 24 supervise, at least until this jurisdiction is 25 transferred to Trade Ministry, you supervise the 26 apprenticeship programs that you have here in the 27 Territories, both for people living here who start out 28 in the program here, and for people coming in who have 29 one or two years left, and you supervise that and you 30

26

27

28 l

29

30

said that in your south Slave region last year 1 2 completed the program. That's 38 tradesmen 3 Α applying for certification. They were successful there 4 but there is an estimate that we had 204, you know, 5 there were enquiries concerning this. I don't have 6 these statistics, the ones I had written down are just 7 that we had 39 tradesmen in '74 for certification, and 8 this year in the first four months, five months of this 9 year we have already certificated 38. 10 We envisage examinations from 11 other provinces who still have jurisdiction over the 12 people, you know, taking examinations. We envisage 13 exams from four other provinces because some people 14 come here for short periods of time and leave, and it's 15 hard to keep up with the statistical part of it. 16 17 But I can say this, there has been a tremendous increase in the apprenticeship work 18 we've had. A tremendous increase. Just roughly, I don't 19 think I can rough it out: but I'd say we have now since 20 '71, we have probably nearly four times as many people 21 involved, three to four times as many people involved 22 in the apprenticeship program. 23 If you were to take Pine 24 Point right out of the equation, would that reduce 25

those 38, the number 38 by one-half or by one-third?

couldn't rightly say. Certainly, if your interest is

available for you, certainly would. You can take a look

such that you would like, I could make the figure

I couldn't, I just

at it and you can see for yourself the growth rate, 1 Oh, I'm satisfied about 2 0 the growth rate. I was just interested in what you 3 said a moment ago about Hay River and Pine Point being 4 together, accounting, I'm sure from what you say, for 5 more than half of all of the apprentices in the 6 Northwest Territories. 7 Α That's right. This is 8 pretty hard to understand, but still it's easy to 9 understand why, because like I said, the only 10 industrialization, the only say free enterprise or 11 productivity as far as manufacturing or in the 12 transportation scene here, you know, is Hay River and 13 Pine Point, and Pine Point, of course, is made up of a 14 work force that's strictly people who are journeymen or 15 certificated an apprentice. So I'd say it was a pretty 16 heavy responsibility, keeping up with it all, and what 17 I wish to point out is that we're not going to have 18 just problems in schools. We're going to have problems 19 in all aspects of training and various education 20 programs. 21 22 You said that 204 had applied last year or made enquiries. I didn't quite 23 understand that. Were those people who wanted to enter 24 25 apprenticeship training? People who wanted to 26 Α take the trades qualifying examinations, trades 27 certification for one reason or another they never 28 followed up, or they did follow up and qualified; but 29 you see, a lot of people come in, we envisage

examinations and they may leave in a month. 1 But 204 who enquired, 2 Q some of them would be from outside the Territories. 3 Oh yes. 4 It's hard to -- I'd have to have figures for you so 5 that we could go through that, because it would have 6 7 more meaning for you I'm sure it may sound garbled to you, but I certainly would, you know, be pleased to 8 make them available 9 Well, I understand the 10 broad lines of the thing although I don't completely 11 comprehend the figures. I wonder, Mr. Graves, I don't 12 know whether you've met Mr. Weick of the Inquiry staff, 13 but I think he would like to chat. He's the man in the 14 blue shirt back there. I just am saying to him that 15 he's not to leave town without talking to you at 16 greater length about these matters. 17 But thank you very much and I hope if you can stay around a bit it 18 may be that some other questions will come up, that 19 is I want to hear from others but if you don't have to 20 get right back to work maybe you wouldn't mind waiting 21 22 a while. 23 Α Fine. 24 THE COMMISSIONER: Thank you 25 very much, sir. (WITNESS ASIDE) 26 27 THE COMMISSIONER: Well, anyone else who has got something to say, you certainly 28 l should feel free to come forward now. Yes sir? Come 29 right up here, if you wish, and you can sit down here,

if you like. 1 2 3 EARL DEAN sworn: THE WITNESS: My name is Earl 4 Dean, and I'd like to address the Inquiry concerning 5 some matters of the socio-economic impact of the 6 7 proposed pipeline. I've been studying this matter for some time. A couple of years ago I was working for the 8 Indian Brotherhood in Ottawa and it came to my 9 attention that the socio-economic impact of the 10 pipeline was to be dealt with, you know, before they 11 went ahead. I wondered at the time what the phrase 12 meant. It seemed to be a very wooly kind of idea. 13 As far as I've been able to 14 understand from what Gas Arctic has said in their 15 submission and so on, they have more or less taken the 16 approach that, "Well, we'll be providing more jobs for 17 people," and that this is going to start to solve some 18 of the social problems that we anticipate as being a 19 result of the pipeline. 20 I'm not too convinced that 21 22 this ready answer is really the case. I think it's very difficult, like I say, to get one's mind around some of 23 these concepts because for one thing I don't speak for 24 25 any group of people, you know, I'm simply speaking as a person who is interested in an academic sense in these 26 questions. 27 28 But if you took some social 29 indicators and looked at situations that have gone on

so far, like I imagine like say the Town of Fort

Providence, you see a certain kind of pattern emerge. 1 The highway touches the town and the town begins to 2 change. More people start drinking, drinking more 3 heavily. There are more admissions to the nursing 4 station due 5 to alcohol-related kind of injuries. There are more 6 children in the receiving home; more people are put in 7 jail; more families break up. Families cope with this 8 breakup by sending the kids to hostels. In short, the 9 whole town begins to change and the difficulty, of 10 course, is deciding, "Well, this change that I'm 11 observing, is this the result of my own perception? 12 You know, am I looking at things and finding the worst 13 aspect of things, or is there in fact some kind of 14 objective criteria whereby one can establish that there 15 is some real social damage going on?" 16 Well, if it could be proven, 17 for instance, that when the pipeline goes down the 18 Mackenzie Valley that it's going to cause more misery 19 for people, and you have the somewhat weak argument 20 that, "Well, it's also going to provide businessmen 21 with some more money, and it's going to provide some 22 jobs for some people," but on the whole if it could be 23 proven that there is kind of a downhill, if you like, 24 thing happening in terms of human relations, I think 25 society is almost accountable for that kind of thing. 26 I'm going to read you 27 something I'm sure you're very familiar with. It's 28 from the "Expanded Guidelines for Northern Pipelines," 29 as tabled in the House of Commons on June 28, 1972 by 30

the Honourable Jean Chretien. On page 25 in the 1 2 introduction he says in the social guidelines: "That they're going to seek to minimize the ad-3 verse social and economic consequences associ-4 ated with rapid large-scale development 5 where these adverse effects can be predicted 6 with some degree of certainty." 7 8 That's a qualified statement, but there is, I think, a sincere kind of attempt to ameliorate what we 9 anticipate might happen, and I think if we look at 10 small communities along the Alaska Highway we'll find 11 that the Indian people there, a lot of them have lost 12 their language; we'll find that there is a lot of 13 drinking and so on; and we'll find the people don't 14 have the same autonomy, they don't have they have lost 15 something. 16 17 THE COMMISSIONER: I'm sorry, you said the Alaska Highway. You meant the Alaska 18 Highway? 19 I did, 20 Α 0 I know what you're 21 22 talking about but I wanted to --23 Α Yes. If you read the "NATIONAL GEOGRAPHIC" and you look at the kind of 24 development that's going on in the Amazon, you know, 25 it's almost as if it was magic, you know, the highway 26 goes into some of these areas and people die, they 27 start dying, they get diseases. Now they can say, 28 "Well, they're not immunized." 29 30 But I don't think it's just

simply a matter of vaccination. There is a collision of two ways of life, and I think it is important to understand the nature of that collision, and I think I can offer you some suggestions about what's really going on in terms of this, and the other part of what the Minister wanted was that,

"In order to ensure that the social and economic benefits outweigh the costs, the applicant shall make a conscious effort to contribute to the social and economic

development of the Territories."

Now, it's almost

machiavellian or something to start talking about peoples' lives in terms of benefits and costs; but maybe those are the only kinds of things we can come to terms with. But what I suspect is going to happen is that we're going to say, "Yeah, well there's going to be a lot more alcohol in the north, so we're going to spend more on picking up the pieces of human wreckage that occur from this development," and I don't think that's right. I don't think that's the right approach. I think there has to be like a preventative kind of behaviours and processes that get initiated, and I think that those kind of processes probably involve making sure that people in the north are part of social institutions that they have some control over.

Now when I say "social institution," it could be anything, it could be a church, and you ask yourself, "How many Indian people are religious leaders in churches?" You look at the

schools and you say, "How many Indian people are 1 teachers, are leaders, are examples to the kids?" 2 You look at a business and you say, "How many Indian 3 people are owners of business so that they are the 4 people that have to be negotiated with?" So far the 5 record has been pretty dismal. 6 7 Now I realize that I'm being 8 philosophical and general, but I want to start getting into these issues because yesterday it seems to me that 9 some people at least started to get into these areas, 10 and I can understand the reluctance to deal with the 11 philosophical and the ethical problems. But it seems to 12 me that there should be at least some you know, some 13 mention of these things. 14 You go right ahead, 15 Q I've got all afternoon and all evening, for that 16 17 matter, so don't feel that I have any reluctance to listen to you on those subjects. I'm quite interested 18 to hear what you have to say. 19 MS. THORSON: Excuse me. 20 Could I be sworn in because he says he's academic? 21 22 lives it every day. I'm his wife and it's not an academic interest at all, and I could intrude 23 occasionally and make it sound less academic because 24 25 he's very cool now but --THE COMMISSIONER: Well, why 26 27 don't we swear you in and you sit over there too, if 28 you feel an objection. 29 30 MS. NORA THORSON, sworn:

MR. DEAN: Yes, Nora and I 1 2 have worked together guite a bit in all these things. We travelled to about 12 communities down the Mac-3 kenzie Valley to do a health study for the Indian 4 Brotherhood, and we would camp in each community 5 and ask the chief and some of the people there what 6 they thought of the Northern Health Service, and 7 that's where we first started to develop some of our 8 perceptions. We're both white, so I've got to emphasize 9 again that we're not speaking for Indian people, but 10 somehow I grew up here in Hay River and so this is my 11 home town. I have children and I want the effects of 12 what's being done, it's going to affect my children, 13 it's going to affect myself, so that's the basis of 14 our -- right. 15 16 It's like I say, a big 17 subject. Do you remember where I was? MS. THORSON: It's very hard 18 to make this your living room, and that's why I think 19 you'll find most people are having difficulty at it. 20 I think something, I guess it 21 22 really gets to the philosophic, to us it's not just a pipeline. The pipeline has become something. In the 23 24 States people couldn't get ahold of Viet Nam but when 25 they got ahold of the --MR. DEAN: The environment? 26 MS. THORSON: No, the plumber 27 crisis, they could grab ahold of that and they could 28 gnatter at that. Well, what's happening up here people 29 haven't been able to get ahold of it, and so when

1

2

3

4

5

6

7

8

9

10

11

1213

14

15

16

17

18

19

20

2122

23

24

25

26

27

28

29

there's a chance to speak on the pipeline it's not the pipeline quite that we're getting at, but somehow the pipeline is symbolic of what's happening up here, and two things that were said yesterday, one was talking to some people who were born and raised up here who are going outside, and I said, 'Well, why are you going outside?" And they said, "Well, there's getting to be too many outsiders up here." And I said, "Well, how can it be better going outside that to stay up here with outsiders?" And they said, "Well, it's no longer here any more, but there's a great pretention that it's here, and people are pretending or they're creating a north, and in the process they're destroying what they were raised with and they'd rather go down and live with the traffic in Vancouver, thank you, and live really." When Earl and I said we were going to come here, we said, "Well, who do we speak for?" And we said, "Well, I quess maybe we should speak for those people who are on the verge of becoming violent, who are in the jails, people who can't get ahold of it, have no means to get ahold of it, but are reacting to it, reacting to Earl said we went down the river and it's true, we pitched our tent in each community and the chief introduced us to a couple of people and we stayed at our camp until it filtered

through the community who we were and what we were 1 about, and then the people would come and talk to us 2 about what they wanted to say, and that was --3 But I got identified 4 with pipeline, I got identified with Bay managers, I 5 qot identified with all the things that I'm opposed 6 with because I'm white, and I don't want my kids to 7 be associated with all those bad things. You can't 8 say there s not racism going on. There's racism going 9 on in both camps, and it's not because anybody wants 10 it, but there's something about the nature of the 11 situation that brings it out. It maybe because we 12 can't speak Slavey and can't think that way, but 13 then we have friends who speak Slavey and have been 14 bought out and have been destroyed. So far, because 15 they've been working with native organizations and 16 17 friends. The cost in human beings 18 being destroyed, you can see it, you can see your 19 friends get empty. It's not just that they take a shot 20 at their wife, they just become shells. You know, it 21 seems to me that if we can put pipelines down we can 22 preserve those things that matter to us, and that's 23 24 all. 25 MR. DEAN: To try and start to come to terms with these things we've got to start 26 examining some really basic assumptions of what's 27 going on, like the word "land ownership", George 28 Manual is president of the National Indian Brotherhood 29 he asked me, he said, "Well, when you go up north

try and find out what the land settlement means to I think that's what the oil companies 2 people," would like to find out, they'd like to find out what 3 kind of minimal conditions or maximum conditions are 4 necessary to go ahead and accomplish this thing. 5 Now if you get something on 6 paper that says, 'This is a land settlement," and it 7 isn't really a settlement in that sense of the word 8 "settlement" that people are happy, if justice isn't 9 seemed to be done by this Court, by people, then no 10 problem has been solved, you know. It may be a pretext 11 for putting people in jail eventually, but -- so we 12 have to examine the basic assumptions about certain 13 words. Now to me coming from my cultural heritage I 14 think land ownership almost implies some kind of 15 invisible string between me and a piece of the earth's 16 surface, you know, like I put a fence around it. White 17 housing in the north has fences around it. 18 19 Indian housing doesn't have, not very much of it has fences around it because 20 21 people treat the land differently, and this is the kind of thing I want to report to you, that -- and 22 eventually I'm going to offer an alternate hypothesis 23 too, that could explain some of the things that are 24 going on just as well as some of the conventional 25 hypothesis that you listened to last night, 26 instance. 27 28 Now land ownership really is a question of man's relation to man. That's my view of the 29 matter, like there is a piece of property which a man gets

```
title to. He has land and he has paper.
                                              Now he pays taxes
1
   on that. Now one could construe that that tax as being a
2
   kind of rent, because if you don't pay your taxes then the
3
   land reverts to the state
4
   and it's sold to somebody else. I mean what I'm saying,
5
   take Fort Simpson, there is a community where you've got a
6
7
   lot of Indian people living right in downtown Simpson, and
   there's some land that isn't really a reserve but it's sort
8
   of set aside for I
9
   Indian people, It's got a very uncertain status right at
10
   the moment. All through the years the Department of Indian
11
   Affairs has been paying a grant to the municipality,
12
   it's called a grant in lieu of taxes, and this has happened
13
   here in Hay River, too, Indian Affairs pay to the
14
   Municipality of Hay River, I don't know, something in the
15
   order of $2,000 every year because they said, "Well, really
16
   we, the Department of Indian Affairs, have title to this
17
   land so somebody has to pay the taxes, so we'll pay the
18
   taxes."
19
                             Now the man who lives in a
20
   house on that land does not know that that money
21
22
   transfer has taken place. He does not know that the
   Indian Affairs is somewhat benevolently paying his
23
             He does not know that, you know, that there
24
   taxes.
25
   is a
   possibility that he might get title to one small
26
   portion of that land. When Wally Gryba was over in
27
   Simpson, he was really entertaining the idea of
28
   maybe transferring the land and the house it sat on
29
```

for \$1 to the occupant just to clear the matter up

and put it on a more regular basis in terms that we 1 understand. 2 3 Well, the problem for the person living in that house, he thinks he owns that house. He may 4 be even so naive as to assume that he owns the land which 5 is outside the purvue of this Court. But then all of a 6 sudden he's going to be 7 hit with taxes and if he doesn't pay the taxes he's going 8 to lose the land, and there's this whole real estate game, 9 and some of us sort of hoped, "Well, 10 if Indians got a lot of real estate, they will be 11 able to get enough income that they would be able to have 12 a comparable position in society to the one we sort of 13 developed because of our cultural way of treating the 14 land. 15 16 So I'm cautioning you then to look very carefully at -- it's presumptuous of me 17 to caution you, I'm sure you can make these kinds of 18 inferences for yourself -- but land ownership is one 19 thing that really has to be examined. 20 I think another thing that we 21 have to look somewhat dubiously at is the whole 22 concept of money, because if you don't look deeply at 23 what that concept is, then somehow there's just two 24 views of the world that are coming down in the same 25 room, and it's not being properly reflected. The idea, 26 for instance, that money, paper, green paper can 27 compensate for human misery is an ethical question 28 which disturbs me. 29 30 But the whole idea money is

run off on a printing press and is somehow being a 1 social tool as part of our society. 2 3 MS. THORSON: What does Philip call it in --4 MR. DEAN: Yes, a man described 5 money as being "white man's medicine." Now that seems a 6 7 little far out to introduce to a Court, eh? MS. THORSON: He wasn't being 8 That was his way of describing what it did, 9 because he describes things by what they do. 10 MR. DEAN: But if you read 11 this Levi Strauss, anthropologist, you'd start to 12 understand that what really operates quite a bit of the 13 time anyhow is the kinship system. The kinship system 14 is really important to a lot of people and it's 15 important in our society, too, and maybe it's even a 16 tossup which really is a medium of exchange, the 17 method of distributing goods, and the reason I'm 18 saying we have to examine the assumptions is because 19 there's always two ways of thinking about these things, 20 and I listened to the men come here from the oil 21 22 companies with very liberally and thoughtfully conceived answers, but I think they're missing 23 peoples' comprehension. 24 25 So I would urge then as a kind of quasi recommendation that there be a real 26 effort towards achieving some kind of understanding. 27 What does that mean? Does it mean that somebody should 28 learn to speak Slavey in an oil company, or a white 29 person learn to speak Slavey the way Indian people have

been taking the time and trouble to learn to speak 1 2 English? You know --3 MS. THORSON: What can we do to set it up so that the white person would have the 4 motivation in order to survive if he had to learn 5 Slavey? That's the way it is with English. I know that 6 I miss the cultural cues when I go into an Indian 7 situation and I see it happening the other way. 8 can -- I mean, how can -- there's a charade going 9 It all is very mystical like budgets come out 10 of the blue because somebody brought it out and 11 realized it was an important thing to do, like your 12 budget to get people here. That's a pretty mystical 13 purpose, suddenly a car arrives. And somebody last 14 week did drop in and explain what it was all about. 15 But it doesn't come because somebody in here said, 16 "It's important for me to go out and say what I --" 17 you know like when your dad spoke last night it was 18 because it was important to him. It's his town. He 19 has the responsibility to come and try to take care of 20 his concerns. 21 22 But how do we make that 23 happen? I know there's an attempt to make it happen. I mean I've made those kinds of attempts to draw out but 24 it's got to come from here, it can't be making it 25 easier facilitating, you know, 26 MR. DEAN: You could look 27 at it this way, you could understand for instance that 28 29 30 THE COMMISSIONER: Your

father is Mr. Dean? 1 2 MR. DEAN: Yes, yes. You could understand, for instance, that here in Hay River 3 probably the Indian people are just totally superfluous 4 to the process of building a pipeline. 5 like a harsh thing to say, but you know, if the 6 Indian people all went on strike, would it stop the 7 Now they have a bit of land now, they have pipeline? 8 a reserve so perhaps people will have to negotiate with 9 The Town of Hay River has really steered clear 10 of negotiating with the Indian people over the years. 11 It's taken their money, their money has only been 12 symbolic, I'm sure. It wasn't very much but man's 13 relation to man has changed. When my dad first came 14 here, white people were on the same level as Indian 15 people, and there was a kind of mutual respect. 16 You couldn't be a policeman unless you respected Indian 17 people because I mean, you couldn't be a nurse, you 18 couldn't be a Hudson's Bay manager, you know. You left 19 the community fairly soon if you didn't have some kind 20 of basic respect; and there was a mutual respect. 21 22 I think that Stuart Demelt , that's the basis for some 23 of his kinds of statements. Some of the things he said 24 were very true. Some of the things my dad said were 25 true; but now society has changed and I think that 26 I am a victim of that kind of social economic impact. 27 I think my father and my brother are victims of a 28 social economic impact insofar as they've been forced 29 to mechanize and forced to cope with serving an

industrial technological society, and I think the Indian people have been victims of a technocratic society. It treats people as consumers rather than producers, so that we all become victims of the propaganda that comes over T.V. to buy deodorants in this country, but we don't have the money, let's say, to buy those things. I mean this is not a convincing argument, I realize that; but it's a start in that direction. We have to start thinking like that. We have to almost think with two minds.

I think you started off this Inquiry asking people what was in their minds. I think it's going to be very difficult for you because you're almost going to have to have two minds, and you're going to have to wed those two kinds of things.

I've been doing some writing on this whole thing, and if I could I would read from some of the things I've written in an attempt to -a lot of this is rhetorical, and I apologize before the record. You know, it's simply the inadequacy of my means of expression.

The facts are that since the introduction of development in the forms of highways, hotels, liquor outlets, the wage economy and welfare, subsidized housing and all the other clap-trap of white technocratic culture, there's been a change in the character of northern elements that can be very exactly measured in terms of social indicators, such as admissions to hospitals for alcohol-related injuries, people put in jail, or fined for liquor offences, the

number of suicides. That's a pretty heavy thing to 1 talk about, isn't it, like a suicide, and that's what 2 bothers us. We're talking about things that people 3 can't express. 4 The housing program in the 5 north was supposed to be some kind of a solution. 6 7 worked on that housing program, I tried to explain it to people. I think we all sort of understood that it 8 was a kind of humanistic concern for the housing 9 conditions that people lived in. There was a lot of 10 ignorance, ignorance on my part which I'm going to 11 tell, you about. I didn't understand that people were 12 relatively comfortable living the way they were. I 13 looked at the house, and according to my middle class 14 standards, that house was inadequate. 15 16 I think social workers come into the north and they look at people who are living 17 off the land, who are eating an entire moose and 18 they're not eating lettuce, they're not eating 19 California tomatoes, and the social worker says, "These 20 people are deprived, I Give them welfare." 21 22 If you have the resources, you could do some follow-up studies on some of the 23 families that, say, in 1958 were given welfare, you 24 know, and find out where they are now. They're in jail, 25 you know. There's a kind of slow rot that 26 you know, if jail is to be understood as a symptom of 27 some kind of social disaster, eh? 28 29 MS. THORSON: One thing you really have to respect is how those very people who

are living on the edge, and in and out of jail, are 1 retaining their own way of surviving and are adapting 2 to -- like if it takes money to get by, they're you 3 know, able to find ways and means with not half the 4 sophistication and education I have of getting it. 5 But it's getting -- their own friends are cutting them 6 out because it's not cool to survive that way any more. 7 You have to get a job so you have a regular income, 8 it's not good enough that when you come to somebody's 9 house and you sleep on their floor that you make that 10 house a better place to be by your presence. Those 11 people who are attempting to do that are personally 12 drying up. They are becoming con and they are living 13 off people, and they didn't start out to live off 14 people. They started out to live with people and to 15 share, and something happens in the process and they're 16 destroyed. Until we deal with that -- we've had some 17 exposure to violence in our lives, and it's going to 18 happen. It's predicted, like I did talk to somebody 19 once who was an executive in one of the oil companies 20 and we talked about violence, and he said that that was 21 really one of the -- the only lever people had up here 22 23 was that threat. Before we get there, let's 24 find some other means, some other ways to get -- like 25 Earl and I don't have control over our life, and if we 26 haven't got control over our life there's something 27 wrong. I mean I used, you know, I was raised not to 28

make mountains out of molehills and to, you know, and

move on quite calmly, and it's getting more and more

janglely.

1 2

3

4

5

6

7

8

9

10

11

12

13

14

15

1617

18

19

20

21

22

23

24

25

26

27

28

29

MR. DEAN: You see, like I worked out on this -- they're building a highway at Willowlake River, it's north of Simpson, and I worked for D.P.W. as a surveyor. I was a chainman -- surveyors helper, and quite a few of the people that I worked with were from Fort Simpson, they were native people, and the pattern there, it cost to live in this camp it cost the D.P.W. or the government, it cost \$26 per man per day just to feed and house people there.

I think the company that moves the camp in there got a contract for something like \$59,000 or something to set up and take the camp away.

There's 100-90 men, let's say, living there, eh? 90 men, and a lot of them are from the south. Now they're buggy operators. My dad's a contractor. That contractor, too, has problems in common with my father. He came up from Fort Nelson or something but he brought people he trusted, people who had a lot of experience. You know, I think operating a cat is not all as simple as it's cracked up to be. If you've got a very expensive piece of machinery you want the best person possible to run that cat, But I was really interested while I was there just to observe what happened in the infra-structure, what happened to the native people in the context of that situation, the ways that the contractor circumvented the contract, and we can't be legalistic and judicial and legislate all the solutions to these problems. This is why I think

our approach has some relevance here. 1 2 I think the turnover rate amongst Indian people is really high there, and why? 3 Well, they're in a distinct minority for one thing. 4 There's, I think, perhaps at the best times there's 7 5 or 8 Indian people there. 6 THE COMMISSIONER: 7 This is at 8 the camp? 9 Α Yes. Q They had about 100 10 11 people. 90 to 100, yes. 12 Α fluctuates. If you come from the south you get flown 13 out every month and there's a complicated reward system 14 where if you stay there 30 days you get a 5% increment; 15 if you stay there 60 days you get a 10% reward for 16 17 staying. MS. THORSON: People who have 18 been to jail find it not a lot different from going to 19 20 camp. 21 MR. DEAN: Yes, it's very 22 similar to a correctional camp, and now that the correctional camps have moved in the other direction so 23 that people have day release programs, it's not really 24 that much different. You get people off the booze, you 25 know, you give them a cot and good meals -- and we had 26 really good meals -- and they perform well. People --27 if somebody gets all strung out on booze and comes out 28 to camp and can hardly see -- one guy wandered into the 29 garage and asked where he was. He really didn't know 30

where he was. They piled him on a plane. You dry out 1 in camp, eh, and after a while you start performing 2 your duties and you make a lot of money -- well, quite 3 a bit of money. Your health returns. 4 Now back in Simpson your wife 5 or your quasi wife or your children or your --6 7 MS. THORSON: Quasi children. MR. DEAN: -- indeterminate 8 children aren't eating at the rate of \$26 a day. The 9 kind of emotional tension that's built up in the course 10 of this kind of self-imposed exile to a jail type 11 situation that reminds me a lot of the hostel I went is 12 that there's a real strong tendency to blow all the 13 money you make in the course of staying 30 days in this 14 -- now don't get me wrong, there are people who are 15 putting their money away, there are people who are 16 17 behaving responsibly, particularly --MS. THORSON: They're putting 18 19 it away for a farm in the south. MR. DEAN: 20 Yes, people from the south sort of appreciate the thing differently 21 22 from a different cultural context. Maybe that's not that much different from being out on the trapline, I 23 don't know. But women and children used to go out on 24 the trapline, it used to be it wasn't something that 25 was just almost -- there was no consideration for 26 families. I guess that's what I'm beefing about. I 27 guess what I'm saying to industry is that if they're 28 going to come up here and they're going to talk about 29 these garrison towns and all these credible police

actions and everything else that they're going to have to do to keep all this situation within some pretty tightly defined limits, I think that an enlightened approach by industry would be to somehow start coming to terms with some of the social questions, of the family questions.

The northern rental housing program was such an attempt, and you know, some of the best devised plans backfire. Like I said, you have this sort of impulse to help people benevolently, so you lay a lot of money on them.

Ernest Tituisis, who is an Indian spiritual leader, says that to push a lot of money on people is not that different than pushing a lot of booze on people because it confuses them. That seems like -- I don't like to say that, I don't know if it's true even; but it starts in that direction.

The housing program, well what it did first of all. It started reliance on diesel fuel as a means of heating the house, because if you had any plumbing in it at all, the house would freeze up unless you kept the house heated, so the government's responsibility was to provide utilities. People weren't paying the rent but the government had to keep the houses warm.

Now because the house was all of a sudden automatically warm and you were sort of a damn fool if you didn't move into one, you didn't need to go out and cut wood. Right? Now, it used to

1	take up three to four hours of your day, perhaps,
2	cutting wood in cold weather, see, so you didn't needs
3	that component of your life abruptly disappeared.
4	If you didn't need to cut wood, then you didn't need
5	dogs to haul wood, eh, and perhaps you could stop
6	fishing because then you wouldn't need to feed the
7	dogs, eh? So the dogs went, and that's another sign of
8	a certain life-style. It ends up that you're in a warm
9	enclosure and you have absolutely nothing to do. There
10	is no meaning.
11	THE COMMISSIONER: There is
12	no what?
13	A There is no meaning.
14	MS. N. THORSON: So you make
15	brew or you make Kraft dinner.
16	MR. DEAN: Yeah,
17	MS. N. THORSON: Which you can
18	get through one means or another.
19	MR. DEAN: Right.
20	Now people are really very
21	we should never under-estimate them are really
22	clever in terms of devising ways of entertaining one
23	another and ways I think that we haven't even dreamed
24	of, you know, in kinds of social skills and social
25	sensitivities and so on and so forth.
26	So maybe its not all that
27	much of a disaster. Maybe the pattern is that when some
28	of these things come in, when the highway touches, when
29	the pipeline touches, there is this kind of a abrupt
30	change when people are all strung out on alcohol for
ı	

30

three or four years, and then perhaps they start to assimilate. But I would really like to see somebody go 2 up to the Alaska Coast where some of this stuff has 3 gone on and find out where the people are at now, 4 because the people I listened to at conferences are 5 saying, "We wish that they'd never discovered oil." 6 I'll come back around again. 7 Maybe it doesn't matter what 38,000 people in the north 8 think because they're not very many people, are they? 9 Maybe we can conveniently ignore their so-called right 10 to the land, But I personally do not want to be 11 associated in any way with any kind of enterprise or 12 project that does that. 13 Something I MS. THORSON: 14 wanted to add, because I certainly observed the 15 16 phenomenon of going out and making big money, coming, in and blowing it, and I have been, you know, tightly 17 quizzing other people and observing them since then. 18 It seems to be a grand gesture of contempt, the blowing 19 the money. I mean like it's not -- and I've watched 20 21 people learn to be pretty competent at getting the money off the people, the people who live in town 22 getting the money off the guys when they come in from 23 the bush, and yet you can't fault anybody for surviving 24 in this means but if, you know, I don't know how you 25 propose, I was trying to convince Earl he should 26 convince everybody to start building buildings with 27 their cheques, you know, apartment buildings. I don't 28 know, but there's got to be a means that the people 29

involved work out sorting the problems out.

I talked to people after 1 2 they've hit their best friend. I've talked to people after they've bloodied their wife or after they have 3 bloodied their husband, and it's not, you know -- but 4 there's no way out and I'm feeling that more and more 5 and more. 6 7 MR. DEAN: It makes it very hard to live here. It makes it very hard to live here. 8 It's so much easier for us to go and live in Vancouver 9 because then we can adopt that whole life-style. YOU 10 know, we can get a small apartment, we can amuse 11 ourselves, we can find some kind of work, you know. But 12 we're not involved in the kind of ethical question that 13 we see being acted out here in the north. 14 You know, I think -- maybe 15 I'm wrong -- but I think that all the oil and gas is 16 really to the benefit of the United States, you know. I 17 think that the Canadians are probably being invaded by 18 the Americans in an economic sense in the same way 19 that the Indians are being invaded by the Canadians in 20 the north, you know. 21 22 Now if that money concept, that medium of exchange, you know, that symbol of 23 whatever it is, personal ability, you know, people are 24 25 going to start measuring each other by how many dollars they have and so on and so forth. 26 27 I, you know, I --MS. THORSON: I don't 28 apologize for our confusion or our lack of cohesion 29 because that's what you should see because what people

want in this room they just couldn't bring it up here, 1 2 MR. DEAN: Yeah, I think 3 that's true, you know. I don't know if there's much 4 more. Well, perhaps --THE COMMISSIONER: Excuse me, 5 Mr. Dean, I was just going to say that our friends I 6 7 who take this down protested to rue last night because I didn't give them a break. I don't want to stop you 8 but I thought we might take a break and have some 9 coffee and you could carry on after the coffee break. 10 I'm not limiting you at all, but I don't want my own 11 staff going on strike here. 12 13 Is there any coffee, Mr. Waddell? 14 MR. WADDELL: 15 No. 16 THE COMMISSIONER: If you 17 want a break to reorganize your thoughts you can have it, but I really don't think that you're asking me for 18 that, and I quite understand that the viewpoint you're 19 putting forward is one that isn't as easy to articulate 20 as the one that the oil companies subscribe to, and ${\tt I}$ 21 22 was sent here to listen to what everybody has to say, and so carry on and we've got the afternoon. 23 MS. THORSON: 24 It's sort of what Earl and I are attempting to do a film to kind get 25 at some of these things, and I went to a person who is 26 doing an anthropology film and has a million dollars to 27 do it, and they're going to do it on the Slavey 28 people, I understand, and I said, "Well, O.K., you've 29 got a five part film, would you deal with this for the

fifth part?" 1 2 And they said it was much too difficult to do, and I think it's more important 3 to the Slavey people that these things be dealt with 4 than the pots of their ancestors and the baskets 5 and the very interesting and the very valid things 6 that was being put to, and that's sort of how I feel 7 about development in the oil. That sound, you 8 know, keeps telling me that this Inquiry is 9 reasonable, and that's reasonable, but just because we 10 cant lay out an answer how to do it doesn't mean we 11 shouldn't explore it, get into it, you know. An old 12 man told me it was just a case of when I figured it 13 out, I told him how much it was, he incorporated it 14 into the budget, write it all down and he'd look after 15 it; but I can't give him a monetary figure for it. I 16 have a sense of not having said anything and talked a 17 lot. 18 19 MR. DEAN: Yes. THE COMMISSIONER: Mr. Dean, 20 you feel free to carry on with what you were reading. 21 22 MR. DEAN: A lot of things I've written here, I think it's my perception that 23 Indian people have been robbed of their land, that the 24 Canadian Government has been in the position of 25 selling something that wasn't theirs to sell. 26 I don't think there will be 27 28| much agreement in this room about that, though, but I don't think anyone in Hay River -- you'll find people 29 - anybody much who can see the sense in registering

that fact any more than anybody can see the sense in 1 registering the idea that perhaps the pipeline 2 shouldn't be built. You know, I mean it's pretty 3 obvious to everyone that the needs of Empire or 4 whatever is going on, are going to be served. 5 6 Then where does that leave me? Where does that leave you? I think observing people around 7 me, I think everybody is trying to work out a negotiating 8 position, they're trying -- I mean that explains a heck of a 9 lot because, you know, just about every -- the whole gamut of 10 political opinion, every possible reaction will eventually 11 presented to this Court that some people will be very 12 enthusiastic, very Babbitt, you know, the man --13 THE COMMISSIONER: Very what? 14 15 Α Babbittish. 16 Q Oh, Babbittish. And I can see, I'm a bit 17 Α that way myself, you know. But the other end, the 18 idealists, the utopians say -- I think some people will 19 dismiss what I have to say by saying, "Well, he's 20 utopian, he wants to go back 50 years." I don't want 21 to go back 50 years, because I don't like the concept 22 of starving or seeing my kids starve or anything. 23 think it would be very sensible to slow things down and 24 I don't care if it does cost us the pipeline, you 25 know. I think it would be really sensible to slow it 26 down, put that 1977 business into 1987 or 1997 or 27 something. 28 29 MS. THORSON: 1984. 30 MR. DEAN: 1984? Yes. Now

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21 22

23

24

25

26

27

28

29

another thing. Coerce prejudice and obscure social machinations -- that's the phrase -- have deprived Indian people of control over social institutions or even their own lives, Now I'll tell you what that means to me anyhow. It means that a lot of these things are being approached at two levels. There's this sort of verbal analytical reasonable level that I'm trying to be fairly competent at, and then there is a subterranean level, if you like. It's a subconscious level, and I read the racist who was speaking last night on two levels -- top level, he's got that whole red neck Southern Alabama approach to things which, you know, I've been exposed to before, and it has a basis and there is a legitimacy there. But underneath it there is a kind of fear and it's real fear speaking, and it's that fear, the uncertain about one's position in society, you know, that's going to become more and more apparent I think finally a lot of people are not going to reasonably discuss what they

do. They're just going to go do it and that's where alcohol starts to enter the picture, you see, because that's a short cut to that whole business.

MS. THORSON: This thing about fear is that I think maybe if there's anything I have a great respect for native people in, is that capacity to live with the ambiguity that people of my culture have a great deal of difficulty living with. I mean, you know, you can call it security, you can call it having a job, a future, whatever it is, whether it's

bank balance, whether it's, you know, to learn -- I 1 need that to survive and I'm attempting 'to live 2 without. it, which seems to be the only way to survive 3 with my integrity in this situation. 4 MR. DEAN: Isn't this in 5 maintaining one's integrity? I remember one time in 6 the Indian Village that's outside of Yellowknife I had 7 some errand to go to the chief's house. I went in 8 there and there were 30 men in a very small room, and I 9 don't understand Dogwood, but you know, it could have 10 been the United Nations, there's a lot of dignity, 11 there was a lot of mutual respect and they were talking 12 about something that was important to them because all 13 of a sudden I found myself a very small person in the 14 corner of the room. 15 16 Now those same people standing in the lobby of the hotel wondering what's 17 going on become social refuse, people come in from 18 outside and look at them and say, "Well, they're bar 19 flies," and they haven't been drinking, you know, and 20 it's this whole two realities, two world views. 21 22 MS. THORSON: We need that, it's the thing that they have. Like we're exporting 23 oil and we're tromping all over the thing that 24 Canadians need, and in effect it's that capacity to 25 survive with this kind of ambiguity because when you 26 get your oil line down and you draw the oil out of the 27 ground, then what are you going to do? You're going to 28 be exactly where the Indian is now. So if we could just 29

kind of learn what he's got to offer now we might be

better prepared, there's a future shockage. If we're 1 2 living with it every --MR. DEAN: Future shock. 3 That's a very useful concept for this Court. 4 Desire for goods and services 5 is created in a commercial and consuming society that 6 an Indian person is the victim of rather than 7 participant to. Now if you think I, you know, like I 8 think that's an important thing to say, but as an 9 observer of Indian people, eh? I'm not trying to plead 10 the Indian's case, but I suppose that I've been 11 associated with enough Indian people that I feel more -12 - I feel more community there than I feel with oil 13 companies, for instance, you know. So that accounts for 14 why I'm saying that kind of thing. 15 16 I'm sure that when you go to the Indian Village people are much more eloquently and 17 simply and economically are going to express some of 18 the same kinds of things, because I've listened to some 19 of these speakers and they're really -- they, you know, 20 they see what's going on. It's surprising, you know, 21 but everybody is intelligent. Everybody is intelligent, 22 everybody looks, they see, you know. Things are 23 perceived at two levels. There is the verbal level 24 where perhaps I'm making sense, perhaps I'm not, Then 25 there is almost a physical level, am I nervous? 26 certain of what I'm saying? 27 28 Indian people have been reading white people for a long time, you know. They 29 more interested in interpreting what people do rather

than what they say because what we say doesn't always 1 square with what we do. People are remarkably honest. 2 Sure, everybody's in jail. One of the reasons they're 3 in jail is they're too damned honest, you know. 4 So there's that kind of 5 different perception of social situations, and there is 6 also a kind of instantaneous communication system. 7 Now if that seems a little mystical to you, it's quite 8 simply explained because if I talk to somebody here and 9 he reads me for what I am, and then I go to Inuvik and 10 the guy reads me for what I am. The conversation 11 seems to be the same to me, and I say, "Well, how did 12 he know what that guy down in Hay River knew?" Because 13 there is this kind of ability to perceive, and it's 14 part of the culture, it's something that the people 15 haven't lost yet. 16 MS. THORSON: And it's that 17 kind of deep knowing that I am learning as a southerner 18 up here, that means that I don't have to secure my 19 future in the way that the friends that I went to 20 university are who have, you know, made it as 21 journalists or lawyers or whatever it was that we were 22 pursuing at that time. We require and come up and 23 say, "I don't understand how you can do it," and it 24 isn't anything you can understand. You just do it. 25 But it's becoming -- it seems like I'm learning an 26 ancient skill, you know. I can see the need for it, 27 I can see the need for it in our society, and the 28 greater the need comes, the less people are able to 29 do it. I don't know how you can make a pipeline do

that. Maybe you should just deal with how deep and 1 how wide, you know, but I've got a child here. 2 You know, when Mrs. Wright talks about the way 3 things were, I wonder whether you really look -- can 4 you dare look at the way things are now? Are they 5 I mean this lady here, you know, sort of 6 is mothering half of the Old Town in little houses, 7 you know, lets the rent slide because it's a bad month 8 this month and that kind of thing. So maybe she just 9 sees what she sees from her world, but her world --10 there aren't many people around like Mrs. Wright, and 11 I question if what she sees is really where it's at 12 because it's just in her world. It may not be outside 13 of it still any more. I'm not questioning the things 14 she said last night. People who have been here a long 15 time are still seeing, because I wouldn't want to see 16 17 what's going on either, any clearer than, you know, Earl's dad sees them. 18 19 MR. DEAN: You know, the prospect of what condition could you conceivably put on 20 the development, you know. Fishermen are important 21 22 because there's a clear example where a livelihood is being threatened, Even with trappers, you know, you get 23 all sorts of stories. Some people say that people aren't 24 25 trapping any more and so on and so forth. One thing that the trapper, 26 the fishermen and the small business men have in common 27 28 is a kind of desire for -- it's not autonomy exactly, people are very social beings, but they want to be 29 their own boss. Is that a reasonable concept?

1	I think that when big pro-
2	grams come in from the south, any sense of being one's
3	own boss gets swept away. So how could you legislate
4	something so that the people could be their own boss,
5	to maintain their integrity? Perhaps that's impossible
6	Perhaps
7	THE COMMISSIONER: Excuse me,
8	Mr. Dean, but I think we will stop now for five or ten
9	minutes for coffee, but you will still have the floor
10	when we resume, and you can carry on then.
11	There's coffee here.
12	(PROCEEDINGS ADJOURNED FOR FEW MINUTES)
13	(PROCEEDINGS RESUMED PURSUANT TO ADJOURNMENT)
14	THE COMMISSIONER: We'll call
15	our meeting to order again, Mr. Dean.
16	MS. THORSON: I think we
17	don't have anything more to say but we're willing to
18	tell you anything if you think there's anything you
19	would like to ask us. There's sort of nothing reserved
20	There's something here I
21	could read. I haven't looked
22	at it for about four months and I don't remember what
23	it was, but I remember when Earl wrote it.
24	We've got two problems, one
25	is the existential dilemma to one, and the other is the
26	Liberal dilemma, this one is in relation to the latter.
27	It might sum up, I think, what we're saying.
28	THE COMMISSIONER: All right.
29	MS. THORSON: My hypothesis
30	is that there is a war going on between two systems in

the north. To avoid being a racist I will describe them 1 as the habitants and the invaders. Because the war is 2 psychological in nature, it helps if its 3 participants are consciously non-aware of its 4 existence. In war time, helping the enemy demands 5 strong social sanction and I believe the person that we 6 are discussing in this article experienced the full 7 benefit of that. At the heart of the liberal dilemma is 8 the paradox. One must help that other, even when he 9 does not want to be helped; one must never help the 10 other particularly when he wants to be helped. 11 This is a very thin line to 12 walk and the department that we're discussing has 13 essentially walked it for a long time. Before you 14 dismiss the idea as being as absurd as it truly is, 15 consider the statistics, no one else can provide a 16 satisfactory explanation for them or any real hope that 17 things will be different next year. 18 19 MR. DEAN: This is what the hypothesis is, that there's a psychological kind of war 20 going on. It's a mental war. It's not a military war. 21 22 We understand that the Department of Defence is practicing gorilla exercises. It's fantastic, you 23 know. We look at different military, different police 24 The R.C.M.P. are puzzled, you know, they're 25 puzzled about how to behave in the smaller settlements 26 because, you know, they're human beings, you know. 27 They look at the people they're putting into jail, 28 they're dealing with family situations, they have to 29 maintain their objectivity, they have to deal with the 30

situation and they don't understand the situation, you 1 know, and so when you contemplate the kind of social 2 order that's going to obtain in this country in ten 3 years even, what are we going to have? Are we going 4 to hire a bunch of Indian people to more or less be 5 custodians of the Indian people that can't make it in 6 the white man's terms? 7 MS. THORSON: Perhaps you could 8 recommend to the development interests who are going to 9 put through the pipeline that every morning they just sort 10 of think about, "Maybe if I haven't got a ready answer 11 I'll go out and look for it instead of securing up behind 12 my own blind ignorance." 13 You know, if they just are a 14 little more -- you know, if you could somehow get them, 15 because they're the only people that can change. You 16 know, the development is going to go ahead, the 17 pipeline is more than likely going to go ahead; but if 18 those people could live a little better with the 19 uncertainty and not have to hang so tightly to the 20 formula, maybe we could get shape, maybe life would be 21 a little easier. 22 23 MR. DEAN: O.K., we'll wind this up. What I want to seriously propose, I doubt 24 that it will be accepted but I would like to see every 25 white person that came into the north have the 26 opportunity to sign a statement which says this: 27 "I am knowingly and willingly participating in 28 the destruction of a way of life and caus-ing un-29 30 told misery to thousands of people."

Now if a person refused to 1 2 sign that statement, if they were really convinced in their own conscience that -- I mean if they were 3 so blind that they couldn't see what they were 4 doing so they would refuse to sign that, I think that 5 would at least be a starting point, because all our 6 ideas, they slide, you know, they change. It's like a 7 quicksand, you know. 8 MS. THORSON: 9 Can the Inquiry provide a conscience? An on-going conscience for the 10 development rather than, you know -- right now I mean 11 how can you provide that? I know you can't legislate it 12 but how can you provide the conscience that you're 13 providing now, which is holding things up? To sort of 14 ensure things as it goes on. 15 16 MR. DEAN: Most socio-economic models conveniently ignore the essence of politics so 17 that for a brief moment the individual can maintain the 18 illusion that he really knows what's going on, where 19 events are going, or where they should be. The truth 20 is, as we see it anyhow, that there is an element of 21 will, of negotiation in every situation. The authority 22 and responsibility of people who, of judges, of 23 executives in oil companies, follow from this, and it 24 is only now necessary to ask some practical, oral 25 questions about how this will is being exercised here, 26 and I know that's hopelessly general, I apologize for 27 the generality of it all, I apologize for the 28 philosophical nature of this discussion, but you know, 29

that's where we're at.

1	THE COMMISSIONER: Well,
2	thank you very much, Mr. and Mrs. Dean, for that most
3	thoughtful and thought-provoking presentation.
4	MS. THORSON: Mr. Dean and
5	Ms. Thorson.
6	THE COMMISSIONER: I'm sorry.
7	(WITNESSES ASIDE)
8	THE COMMISSIONER: Thank you
9	anyway.
10	DONALD TETRAULT, resumed:
11	THE WITNESS: Mr. Chairman,
12	my name is Don Tetrault and with all due respect to
13	Mr. Dean, I feel somewhat like a heavy in this
14	melodrama of following the philosophies of Levi Strauss
15	with that of Adam Smit. However, I have to deal
16	with the day-to-day problems that a local business man
17	has with regards to meeting the daily payrolls and
18	providing work for the 30 or 40 people that we may be
19	employing.
20	Yesterday you were kind
21	enough to allow me to elaborate on some of the problems
22	that our company and other small companies were faced
23	with in the north now, and some of the problems we may
24	be faced with in the event of a pipeline, or in the
25	event that the pipeline does not go through.
26	Now since yesterday I've had
27	an opportunity to discuss more fully with some of the
28	local business men parts of the discussion that I
29	raised yesterday, and others have raised since then.
30	I would only take a few moments of your time to

elaborate somewhat on some of the points; but to 1 recommend specifically four or five recommendations for 2 3 your consideration. First of all, Mr. Dean, Sr., 4 that is, mentioned the problems of bonding and small 5 companies obtaining bonds in the north. He was right 6 7 when he said that he had only received a bond a few weeks ago, and it was a milestone because it was the 8 first bond ever issued to a construction company in the 9 Northwest Territories. 10 THE COMMISSIONER: 11 The first 12 time a construction company north of 60 had been bonded? 13 That is a bond to a Α 14 standard required by the government. Now the 15 16 government would require a minimum bonding of 100,000 or 150,000, and the maximum bonding that a local 17 constructor may obtain would only be 15 to 20 or 18 25,000; however, most of the bonding requirements, Mr. 19 Dean, as I say, started it out by obtaining one but --20 You didn't give me the 21 22 amount of the bond. What was the amount of the bond, do 23 you know? 24 Α No, I don't. I only have to assume it was in excess or it was up to the 25 standards that were required by government, normally 26 a 100 or 125,000 bond. 27 Now these bonds are required by local business men, either a bid bond or a 28 performance bond, and it is upon the contractor of the 29 business man to obtain this bond because of the 30

local business men.

regulations stipulated by the government. So the 1 business man goes to a bonding company and applies for 2 a bond, and the bonding company will say, "Yes, we 3 agree that the government requires a bond, and 4 we will issue a bond. However, you must guarantee the 5 face value of that bond, a personal quarantee, like an 6 I.O.U. In the event that there is a call upon the 7 bond, we will in fact pay the bond, but in turn, we 8 9 will sue you." I have been faced personally, 10 or the company has been faced with this same 11 requirement whereby the bonding company will issue a 12 bond to the government for our company, but in fact our 13 company or four or five of the major shareholders has 14 to personally guarantee each one for face value or the 15 total face value of that bond. 16 So I would recommend for your 17 consideration that the mechanism be established in the 18 Northwest Territories for bonding either through the 19 Territorial Government or through a bonding company 20 brought into the Territories to deal with the local 21 22 business men's requirements. This is not all that farfetched, Mr. Chairman, because there are two provinces 23 now -- and I hate to admit it, being a staunch 24 Conservative -- and that is British Columbia and 25 Saskatchewan, that issue bonds, and these are the only 26 places where we can obtain bonds at this date. 27 So we are hoping that the 28 29 mechanism will be instigated to provide bonding for the

1 l	Q Excuse me. I didn't
2	quite follow it. What is it that they do in B.C. and
3	Saskatchewan that you want them to do here?
4	A The Governments of
5	Saskatchewan and British Columbia have set up a bonding
6	system for small business men, where that government
7	themselves, almost like an insurance company - the B.C.
8	Insurance they themselves will take on the
9	responsibility of issuing bonds for small business men,
10	and I say "small" when in actual fact the small
11	business man today was at one time thought of as 15 or
12	\$20,000; small businessmen today are looking for
13	bonding up to a quarter of a million dollars or more.
14	They say that it can't be done in the Northwest
15	Territories because we do not have provincial status,
16	we are neither fish nor fowl. Federal Governments don't
17	issue bonds because they are the ones that are
18	requiring the bonds.
19	Q They are letting the
20	contract but so far as this would apply to the
21	pipeline project, if it went ahead, contracts would
22	presumably be let by the pipeline company or their
23	prime contractors, and sub-contractors. You're
24	suggesting the bonding system provided by the
25	Territorial Government.
26	A To those small business
27	men with bid bonding or
28	Q On contracts let by the
29	prime contractor or sub-contractors on the pipeline.
30	A That's right, because

2

3

4

5 6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

many of the contracts that will be issued to the major construction companies will be coming in here and utilizing the services of the small business men, and the small business men will have to submit or put up performance bonds as a sub-contractor, and it is very unlikely that the major construction companies or the major firms from outside will come in here and allow us to bid on sub-contract work and use them as the financial guarantees to back our work. I doubt that that will happen.

The next item I would like to bring up is the availability of loans to the small business men in the Northwest Territories. Presently they are limited to \$50,000, and you have seen ourself this morning, in your opening remarks you stated that you had the opportunity to visit the West Channel. Mr. Gill is a prime example of what will happen to many small business men in the event that the pipeline goes through. Mr. Gill is in the position where he has been involved for the last two or three years in construction of barges and floating material of large value, a million dollars and more, and Mr. Gill and many of his fellow business men will be faced with the problems that Mr. Gill has had. Because of the limitations of the amount of money that can be borrowed in the small business loan, limited at 50,000 when you walked board that barge this morning the equipment that was necessary to put that barge together this spring, four pieces of equipment alone, the large crane, two front end loaders, total value of

this crane was in excess of a quarter of a million 1 2 dollars. Now Mr. Gill and other 3 business men will be faced with the problem where their 4 financial reports of previous years will show that as a 5 small business man he may have grossed 20, 30, or 6 7 \$40,000. He has suddenly handled a contract to perform a piece of work that will be in the value, it would be 8 estimated at six to \$700,000. He then must go to a 9 bank and say, "Now look, here is my financial report 10 that shows I grossed \$30,000 last year. Will you 11 please lend me \$300,000 so I can buy some equipment to 12 build a barge that's going to take two months, but I 13 don't want to pay for the equipment except over a five-14 year period?" 15 16 Obviously the banker throws him out on his ear because it's ludicrous, no manner of 17 business can grow that fast over night. The 18 bureaucratic red tape in Yellowknife is such that if he 19 had submitted an application it would be six months 20 before he would get a reply to his letter, and another 21 22 eight months in having it go through the mill, and then he may be rejected on the basis that the contract is 23 not all that secure. 24 25 Meanwhile the barge has been built and has sailed to the Western Arctic. 26 So that leaves him in the 27 position that he has to go south to someone that 28 l understands his industry and his problem, and these would be 29 lending institutions, and I will mention one but there are 30

many others, and I'm sure that you understand that I don't 1 know them all. I.A.C., and I'm not saying that this was the 2 one, but this is the type of people you have to go and 3 borrow your money from. 4 So you pick up a telephone and you 5 phone the chap down south and you say, "I've just got a 6 \$600,000 contract, I need \$300,000 worth of equipment, and 7 I've just signed the contract the Friday afternoon and 8 construction starts Monday." 9 Now in industry, you have to 10 move fast if you're going to fill these contracts. 11 A man gets on an airplane, he 12 flies to Hay River, he goes through the contract on a 13 Saturday morning, he flies out, the equipment is 14 leaving Edmonton heading for Hay River Monday morning. 15 Instead of paying 11 and a half or 12% on a small 16 business loan from I.D.B., he pays anywhere up to 18% 17 for that same money. 18 19 Now I could go on forever on this but I would suggest to you, sir, that in the 20 21 event that the pipeline goes through, that the small business men's loan be increased and it be increased 22 to a realistic value, \$50,000 may be all right for a 23 gentle nun that wants to open up a grocery store or 24 a small motel, but when you're talking in terms of 25 5,000 pieces of mobile equipment that has to go 26 down that river, 600 and some-odd tons of freight 27 every year for a couple of years, we're talking masses 28 of amount of money. So the small business loan in the 29

Northwest Territories has to be increased if the

Territorial Government is to be of any assistance to 1 the business men in the Northwest Territories, to 2 get involved in the large work force that will come 3 through here. 4 Two other items, sir, and 5 I'll leave it at that. 6 I think that we in the 7 Northwest Territories can learn much from the mistakes 8 and the hardships that are being experienced in Alaska 9 presently in the construction of their pipeline. The 10 work force that is made up in the Northwest Territories 11 made totally of available men, that is, optimistically 12 my amount to 10,000 out of 43,000 population that's 13 here. I say "optimistically". 14 Maybe only 1,000 of those people 15 16 eventually get to partake in the construction of the pipeline. But they will be going to work for southern 17 construction companies who by the very 18 nature of their size are unionized. Now when they come in 19 here to do a job the union contract will state that union 20 membership only will be employed on a particular project. 21 22 It's been my personal experience and the experience of other business men in the Northwest Territories that the union 23 besides the company, 24 has to make some concessions to people in the 25 Northwest Territories. For the unions are going to come in 26 here to complete a job and they are going to insist that the 27 local people join the union, and they're going to be asked 28 to pay initiation dues, and if Alaska is any -- if the 29 experiences in Alaska are any indication where the normal 30

dues or initial fees would be \$200 or \$250, the initiation 1 2 fee to join the same union on a pipeline have been doubled and tripled. 3 In many instances, when the union comes 4 in here to do a particular job and it may be stipulated that 5 X number of their personnel have to be local residents, they 6 will take on the local residents, charge them two and three 7 times the initiation fee, and give them what is called in 8 9 union ranks, a permit. Now if they stay in the union 10 X number of months, they can re-apply for a book or 11 full membership. Now they pay their dues and they pay 12 their large initiation fee, and they are given a permit 13 rather than a book. Now when the construction is over 14 and many of these men in the north have learned trades 15 on the pipeline, and they think, "Well now, maybe I 16 should follow the trade and go south." 17 They go to the union office, 18 hiring office in Edmonton or Calgary to apply for a job 19 based on their experiences on the pipeline in the 20 Mackenzie Valley, and they're told by the union, "We 21 22 can't give you a job. You're only a permit holder, you have to be a full book member," and the hiring 23 practices of many of these construction companies are 24 25 such that unless you're a fully paid up member, you will not be allowed to go to work. 26 So I would ask again I 27 haven't all the answers and I'm sure that no one else 28| has either, but there should be some way imposed upon 29

these unions to take on the local members without

28 l

charging them an exorbitant fee to join the union and that provisions should be made for those employees that do pay large initiation fees, that they be given full union membership and not permits, and that joining the union in Northwest Territories will allow them to transfer to other areas of the country if they so wish to follow the construction boom.

And last but not least, the licencing again, because I'm involved in the marine transportation, I am somewhat concerned that the pilot that have been sailing on these ships for so many years are dying off, and they're dying off because of the restrictions that have been placed on these men because of their limited education, formal education, because of their inability to meet certain Ministry of Transport standards with respect to the licencing of masters and mates.

I would suggest to you, sir, that the Ministry of Transport be approached with the idea of issuing what is known as a sailing master's certificate very similar to what they have instigated on the Great Lakes and in the Seaway where by local people with local knowledge, local training are able to take full command and full responsibility of a ship based on their particular talents in that field, or that area.

It seems sort of ludicrous, sir, that men that are born and raised in this country and know that river like the backs of their hands, are unable to be given the opportunity to take

command of these vessels. When I first started here 16 1 years ago I came from a part of the country in the 2 Pacific West Coast, where our ships normally were 100 3 to 150 feet long and powered by about 1,500 horses, 4 and we were carrying maybe three barges at the end 5 of a two or 3,000-foot tow line and that, when we 6 got into less than 25 fathom of water, we hit panic 7 station because no ship was supposedly to run in the 8 shallow water. We were brought up in this country, 9 today we are given 180-foot ships, 5,000 horsepower, 10 you can envision barge trains going down this river 11 each barge 200 feet long, 50 feet wide, 16 barges to 12 a train, four wide, four long, that's 800 feet long 13 in barges alone, and 180 feet for a tug, that's 980 14 feet, that's the size of super tankers right now 15 approaching the East Coast of Halifax and going into 16 Vancouver and Seattle. These men have the ability to 17 walk aboard these ships, that size of ship, no formal 18 training other than their local knowledge to navigate 19 1,200 miles of a river that even Mackenzie himself, 20 when paddling down the river, said it was very 21 22 serpentine. 23 Now in a canoe if he thinks its serpentine, how the hell would he feel with 1,000 24 feet of barge strung out in front of him? 25 Now these men have a talent 26 that is unique, without any formal education, without 27 28 the ability to read many of the instruments, sophisticated instruments that are in the wheel-house, 29 are able to move 12-13-14,000 tons of shipping down 30

that river continuously, fog, rain, snow, you name it, 1 they're still going. It's a unique ability. 2 Add to that the fact that 3 these barges are loaded to 51/2 feet depth. Going down 4 river they will cruise 15 or 16 knots, and some damn 5 fool will stand out on the bow of that barge with a 16-6 foot pole and he'll put it down in the water and holler 7 out, " Lots of water," and I, if I was a greenhorn, 8 would say, "What does he mean by lots of water?" 9 Well, he says, "There's six 10 feet," that means there's six inches of water between him 11 and the bottom, and this guy is going down-river at 15 12 knows with 12,000 tons, and he's never been, never 13 sailed, never seen salt water. He has that ability. To 14 take that ability away from him, to restrict his ability 15 simply because of a lack of formal education or to meet 16 standards to take a ship into Liverpool or Halifax is 17 ludicrous, because the Ministry of Transport regulations 18 state that if you're going to be a master mariner even on 19 the inland waters, you've got to be capable of taking the 20 "Queen Elizabeth" into the English Channel. 21 22 Now there is no way that the 23 skipper on the "Q.E.II" can come over here and take the "Kelly Haul" down-river with 12,000 tons like any of the 24 Indians and trappers that can here. But 25 neither can these local trappers take the "Q.E.II" into 26 Liverpool. Two different environments. Both men equally 27 talented, but in different spheres. I think that we are 28 creating a hardship to these people 29 and I think that the marine industry, whether the pipeline 30

goes through or not, all of us will still 1 be here after the pipeline, whether it goes through or 2 not, we'll still be here. The communities still have to 3 have food, they still have to have oil, and all the things 4 that we're supplying. These ships will still be going up 5 and down that river. These men should still continue the 6 long tradition. The old stern-wheelers sailed up and down 7 this river with native pilots and they're a dying breed, 8 simply because of bureaucratic red tape, certainly not 9 because of their ability. Thank you. 10 THE COMMISSIONER: Thank you 11 12 very much, Mr. Tetrault. 13 (WITNESS ASIDE) MR. COMMISSIONER: Mr. Weick, 14 of the Inquiry staff, will be following up all of those 15 recommendations of Mr. Tetrault, that is getting in 16 touch with some of the agencies concerned to see if 17 they can be further developed along the lines you 18 suggested. Then they can be presented, if the Inquiry 19 staff has got them in shape, through Commission counsel 20 at the formal hearings in Yellowknife and everybody 21 22 else can have a crack at them, and then we can decide whether we can adopt them. 23 24 I wonder, Mr. Graves, I think that you were going over some of your figures. 25 want to have another shot at this you're certainly 26 welcome, if you feel up to it now. 27 28 RUFUS B GRAVES, resumed: 29 30 THE WITNESS: I don't want to

```
take too much of your time. I promise to be short.
                              THE COMMISSIONER: No, no, take your
2
3
          I'm very interested in what you're --
                                   I hardly ever hear those
4
                              Α
5
   words.
                              (LAUGHTER)
6
                                   You don't mean that.
7
                              Α
                                   The comparative study
8
   itself is very slight, based on the apprenticeship
9
   program I'd like to clarify some of the information
10
   that I brought this morning or this afternoon earlier.
11
                              For example, for
12
13
   apprenticeships alone, in 1970 we had five people from
   Hay River-Enterprise registered under the
14
   apprenticeship program, in this area.
15
16
                              Today in 1975 up to April
                      Last year we had 62, and we're now up
17
   1st we have 76.
   to 76, and the 62 figure was for the total year.
18
   76 is the number up to from December 31st to April
19
    1st. So you can see the tremendous amount of growth
20
   there.
21
22
                              At present we have Pine
   Point with 47 in '74 in apprentices, and in '75
23
   there still is 47, but that's just this four or
24
25
   five-month period. So you can see their growth will
26
   change
                              We have had a very steady
27
   growth. For example Pine Point in 1970, 15 apprentices
28
29
   and it's up to 47 today and still growing very rapidly.
30
                              The trades qualifications
```

which we went over, and that is that persons who are 1 writing the examinations, the total number for the 2 Territories were 204, and the total number of 3 examinations that we have given for Fort Smith, Hay 4 River, Pine Point is 146, that's out of the total 5 Territorial number of 204 applications for trade 6 7 qualification examinations. So our work with the 8 apprenticeship program for apprentices and for the 9 trades qualifications involves dealing with something 10 like 299 individuals, you know, in one phase or 11 another, and its grown tremendously. From 1970, dealing 12 with 63 people, we now deal with 299, so you can see 13 the growth rate just in that 4 and a half year period. 14 So I hope that kind of 15 clarifies it. 16 17 THE COMMISSIONER: Yes. So in the study that we 18 Α made, which is dated May 8, '74, this is a report on 19 the Hay River area and it encompasses continuous 20 special education, apprenticeship and trade 21 22 qualifications, adult education and in-community programs. We of course could go through a lot of 23 statistical data here but it does bear out evidence of 24 the fantastic growth that has taken place just in so 25 short a period of time and faced with the impact of a 26 27 quick, say one year get-ready, set, go, then we're going to be in pretty tough circumstances. 28 29 The projections that we made we went through a lot of the programs, a lot of things

that were developing here or are anticipated. For 1 example, for your information and to go through -- and 2 I don't know if anyone has brought this up, but the 3 activities known or planned in Hay River in 1974, and 4 most people will recognize these are a reality today. 5 This is kind of Chamber of Commerce stuff, deviating a 6 7 little bit from it, but as a member of the Chamber of Commerce maybe it's O.K. 8 The Northwest Transport built 9 a new warehouse and trucking facility. The Kiwanis are 10 working on various plans for recreational activities 11 and support different interests throughout the 12 community, N.T.C.L. is involved in a \$10 million 13 expansion program. It's quite evident for those of us 14 who have been here just in the short time I have seen 15 the tremendous development that has taken place at 16 N.T.C.L. Two new service stations, two new restaurants, 17 a correctional institute, we were blessed with that 18 last year; a professional building --19 20 Q How many people are employed there? 21 22 Α Is there anyone here from the Correctional Institution? 23 Q Just a rough --24 25 Α Roughly I'd say ten. I don't know just exactly what, I'm just looking at it 26 27 quickly what they have. The Professional Building, 28 of course, was built and there's four new stores on 29 the main floor of it, this is just in the one year.

Eight to ten new stores on the main floor of the new high rise is projected but it hasn't become a reality, 2 but the high rise is here. Dominion Bridge, of course, 3 has moved in. They built about 40 barges, I guess. This 4 is what we gathered in information. 5 Of course some of it may be 6 inaccurate, but N.T.C.L., Gordon Gill of course is 7 constructing a large number of barges in addition to 8 9 that. There is a large addition to 10 H.H. Williams Hospital, which I told you is a 22-bed 11 hospital, but it must go up to 64. You may not be 12 aware but the only hospital to serve the area -- and 13 I'm going for Fort Providence, Pine Point and Fort 14 Resolution -- the only hospital to serve the needs, the 15 medical needs of persons for hospitalization is right 16 here in Hay River, and with 22 beds already and with 17 six to 8,000 people you've got to be kidding. So the 18 addition they are now trying to get this in progress. 19 One thing of interest is 20 N.T.C.L. is bringing in, or has already done so, an 21 22 I.B.M. computer which will be available for local time rental, so there is this new business. Of course, 23 there's re-location to stores, and it goes on and on, 24 for the various services, and when we were compiling 25 the materials for this we had to anticipate what the 26 growth rate and how to go about planning. So in this 27 material it's there. For example, the birth rates --28 just another little thing for you here -- the birth 29

rate in 1969 there was a total of 60, in 1973 there

1	were 94 children born
2	Q In that hospital?
3	A Yes. Maybe not all of
4	them are delivered there, but in '74
5	Q This is for the region?
6	A That's just for the Town
7	of Hay River.
8	Q Just Hay River?
9	A The Town of Hay River.
10	You see, a lot of people from Pine Point and Providence
11	and places come into the hospital here, so you're
12	looking, you'd have to compile a lot of other figures
13	with it.
14	Q But this is just Hay
15	River.
16	A This is just the Hay
17	River requirement, yes. So it goes on and on, and the
18	point of the matter is that we, just in normal
19	circumstances of growth here in Hay River, we are
20	having, you know, we are really having a time keeping
21	up with it. So the impact that such a venture would
22	have is kind of this thing will be probably about
23	four times thicker than this by the time we get through
24	with it, just in one year.
25	So I hope that did help you a
26	little bit.
27	Q Thank you. Could I ask
28	you, Mr. Graves, this, if the population of this town
29	doubled, you said you'd have to double your teaching
30	staff, among other things, and I haven't overlooked

that you mentioned buildings for support staff and Right now how many of your teachers are 2 northerners in the sense that they were raised here and 3 regard this as their home, and how many come from 4 5 outside, just roughly? O.K., we can start with 6 Α Fort Providence and there are ten teachers on staff 7 8 and two classroom assistants. The two classroom assistants are native Slavey-speaking people there, 9 and I might add that one of them has been with us for 10 about three years now. Next year at Fort Providence 11 a graduate of the teacher education program will be 12 employed as a teacher there. The year before last I 13 had Margaret Sabourin, whose home was Fort Providence 14 and graduated from our teacher education program, 15 was going to the University of Alberta. She was 16 17 employed as a teacher at Fort Providence. I would say 10% is native, plus your classroom assistants, which 18 are on the staff, so you're looking at a very small 19 percentage. 20 21 In Hay River we have had at 22 one time, I think as many as possibly 4 out of 46 were native teachers, and the reason I say "native" is 23 because well, this is what mostly you're thinking 24 25 about. Well, I'm thinking first 26 0 of all of northerners in the sense of people who make 27 this their permanent home, as opposed to people who 28 come in from outside on the basis that this was --29

forgive me, the only place they could get a job, and

are just waiting until they can --1 2 Α I disagree with that as 3 the only place to get a job, Well, let me put it 4 5 You have some teachers, I take it, who this way. come and stay a year or two and are gone. Is this 6 7 right? Α Would you believe it 8 that in the school system here we have 46 teachers, and 9 I believe that out of the 46 teachers, for example, 18 10 of them in the High School, I believe that probably 9 11 out of the 18 -- and I stand to be corrected -- at 12 least 9 out of the 18 have been here at least five 13 years or more. 14 For example, the staff is 15 very -- the turnover is very small here. 16 17 0 Well, what I was getting at was, you said that if the town's population doubled 18 you'd have to have twice as many teachers. Given your 19 present experience, what I was interested in was how 20 many of the teachers you've got now are northerners, 21 22 how many came from outside and who might then apply that to the projected increase? 23 24 I think I can understand what your point is. 25 I maintain that if we all of a sudden find -- you see, we have a teacher 26 education program in which we are -- and also classroom 27 assistants program which is a step moving in the 28 direction for people to become certified teachers in 29 the Territories. What we have is a teacher education

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20 21

22

23

24

25

26 27

29

program at Fort Smith which is predominantly native students, and the graduates from there are going into our school system. However, under the austerity program there will be no first year entry for next September, and this is a step backwards for us because it means that both austerity and also if our population doubles rapidly then the supply of native teachers is going to become even more critical. We will have even fewer people involved in our school programs. have much fewer. You see, if you look Q at this pipeline and all its ramifications, it creates -- if it is built -- it will mean that there will be jobs on construction, jobs on the river, but it also, because of its impact that you've described, will mean that there will be jobs paid for by the taxpayer in the teaching field, and one of the things that concerns the Inquiry is that only the employment of northerners, if that is desirable, in the pipeline and in related projects, but also in the whole expansion of the community in such things as teaching, do you mind just going back a bit? You started off with Providence and giving the percentage of native Indian people employed in teaching. You might just go through the south Slave and give me those figures, if you don't mind. We've had -- just Α pulling them, O.K. -- we have 46 teachers in Hay 28 l River. Last year when you started this Inquiry, last

year I had a large number. I say "large", maybe four

teachers from the teacher education program that 1 finished, they worked on my staff. In fact the vice-2 president of the Metis Association was taught here for 3 three years in Hay River, and when this Inquiry started 4 he switched -- not switching in a sense, but he took on 5 the responsibility because of the broadening 6 7 educational opportunities, shall we say. I might say an example here 8 as I look around, just to go into something else that 9 may be significant, but I see the people involved in 10 the Indian Brotherhood, I see Maurice Cleery, Gerry 11 Cheesey, Angus Lennie, I see Bobby Overvold and a bunch 12 of the people involved in the Indian Brotherhood and 13 Metis Association These people at one time or another 14 have been through our teacher education program, and 15 they have worked in Hay River or in Providence, and 16 doing their internship and such. So we have been 17 responsible, in the form of education we have been 18 responsible for staffing not only the schools but other 19 areas, so I wanted to bring that point up. 20 In Pine Point --21 22 Well, you would take the position, I'm sure, that teacher training fits a person 23 for a great many things as well as teaching. 24 25 Oh, definitely, that's Α right, definitely. 26 27 Q That's what we say about 28 law, and we mean it just as I'm sure you mean it. 29 More especially I might Α add that these fellows -- I don't know about Angus 30

Lennie, but people I've just mentioned by name are 1 pretty good basketball players, and I've known them 2 very well from the basketball days. So they are 3 qualified in quite a few things. 4 But we're happy that we're 5 able to have been more or less of a stepping stone 6 7 for a way for people to get involved in other activities, because I think with the experience they 8 gained they will certainly come back to us in their 9 teaching role once again in the future, and will be of 10 even greater value to us and they will have a greater 11 understanding of many things, so that youngsters 12 will benefit from the association with them in 13 classrooms. 14 The Pine Point, of course, we 15 have a staff of 21 there. I have no native teachers 16 17 there, Are there any native 18 Q students at Pine Point? 19 Very few, very few 20 Α there. I think there are probably ten. 21 22 predominantly -- I kind of look at Pine Point maybe as, oh, a United Nations in a way because we have people 23 there from Hong Kong, Spain, Portugal, Italy, Greece, 24 all over, and our problems there of course, we have a 25 number of requests for teaching English as the second 26 language and various programs for upgrading. We have 27 people who are certificated in foreign countries that 28 speak three or four languages, but do not speak 29 English, and as a result they may have degrees in

engineering and such, but they need also to work, have someone work with them in teaching English as a second language. So our problems are greatly varied and -- but Pine Point, this community we have about 403 students there.

Up into Fort Resolution we have 176 students and we have 9 teachers there. We do not have a native teacher on staff this year, but we have two excellent classroom assistants there and I look forward to the time in which both of them, and hopefully both of them will pursue further training in the teacher education program.

We have -- one thing you need throughout is we do have Education Advisory Committees which are composed of the people in communities, and they may be maybe half-Indian, half-white, just like that. But they work in the betterment of the school itself. My basic philosophy is that the school is not my property or anything else, and I'm not a custodian or such; but I am in the business of seeing that facilities are made available for a broad spectrum of educational activities. So they're open. We leave -- try to have schools, open as much as possible for all kinds of activities.

But the native training programs are very slow in coming about, and we have mad great progress in that direction, and we're continuing to do so, but the austerity program has really put the skids to us, as it has in many other aspects. In fact, I'm back-peddling, I'm not going ahead in that respect.

1	Q One last question. The
2	Indian Village, is there a school over there?
3	A Yes, Daniel Sonfrere and
4	I have been working together for approximately four
5	years. It took approximately 18 months and we
6	organized and put on a summer program, which is called
7	a pre-school program. This was to help bridge the
8	gaps, the chasm we run into with children going into
9	the school for the first time from across the Indian
10	Village, and that's what we meant by kind of a
11	preschool program. The success of the program was such
12	that we discussed the possibilities of locating a
13	building across the river at the New Village and to
14	carry on a program for children, ages 5, 6, 7, and so
15	we have now reached that point in time. I might add
16	that the young lady who will be the teacher there is
17	it shows you how things work here, Christine Horsey is
18	her name, she's from Fort Wrigley. She started out as
19	a classroom assistant, I think in Wrigley, went to
20	Fort Simpson for two years, joined the teacher
21	education program, and has finished the teacher
22	education program and I have employed her to work as
23	teacher at the Hay River Indian Village, and she's a
24	Slavey
25	speaking girl. She's very good, a top-notch gal.
26	So that shows you how the progress is. I feel very
27	fortunate that we have someone who speaks the language,
28	knows the customs, traditions and so on. She can help
29	us to really help these little youngsters get along. So
30	the program tomorrow you'll probably see the

1 l	building. We just recently moved it. Earl Dean's dad,
2	Stan, just moved the building. It seems like it's Dean
3	Day here.
4	So there's a lot of activity
5	going on, and I'm sorry the building is not big enough
6	to accommodate this whole crew, but I think the
7	outdoors tomorrow, I'll predict the weather will be
8	good and you can be outside.
9	THE COMMISSIONER: Right.
10	Thanks very much for your prediction and for your
11	presentation, Mr. Graves.
12	(WITNESS ASIDE)
13	THE COMMISSIONER: Yes?
14	DON STEWART, resumed:
15	THE WITNESS: One more item
16	I'd like to bring up with regard to what Mr. Graves has
17	said pertaining to pertinent statistics. The
18	Northwest Territories Community Data Book, 1974 issue,
19	issued by the Department of Information, most of the
20	information in here is gathered by the Department of
21	Industry, Trade & Commerce.
22	Under Hay River it shows
23	business volume for 1973 was \$100 million with a
24	population of 3,500; and in Yellowknife with a
25	population of 7,500, the total business volume was
26	\$98 million So though we have half the population,
27	we're doing more
28	Q You don't have their big
29	industry,
30	A Thank goodness.

1	(WITNESS ASIDE)
2	THE COMMISSIONER: Yes, Mr.
3	Graves?
4	RUFUS B GRAVES, resumed:
5	THE WITNESS: I want to
6	apologize, you know sometimes the people who are
7	closest to you, you fail to recognize sometimes, but I
8	would like to point that Roy Fabien is from the Hay
9	River Indian Village and he has been with us in this
10	educational program. This is another example of native
11	involvement. Roy will be going to Fort Providence this
12	August as the adult educator for Fort Providence in an
13	all-Slavey-speaking community, and I might add that
14	Bill Andray, the little man here, has been a resident
15	of the Territories for 21 years. So there are a
16	number of people here that how do you classify
17	northerners, by time or color of skin or whatever it
18	may be? I think somebody said five years, so I'm
19	not a northerner. Most people recognize I'm a
20	southerner.
21	(LAUGHTER)
22	(WITNESS ASIDE)
23	THE COMMISSIONER: Yes, Mr.
24	Stewart?
25	DON STEWART resumed:
26	THE WITNESS: I suggest our
27	American friend will have to remove that dialect.
28	Mr. Commissioner, I think one
29	of the basic problems that's facing decisions relative
30	to the pipeline is the effect on the people, so today

I'm going to address myself to my observations in the Territories since 1946.

I came to the Territories in 46 as a young married man, and have remained with the exception of two years since that date, in Hay River. Through this period of time, of course, we have noted many changes. So possibly when we're looking to the future it may be in the tune to look at the past and just see what has happened.

When I first came to Hay River there was only the Indian Village on the east bank of the river, one small Imperial Oil tank, a dirt runway with an American Quonset hut, a left-over of the Northwest Ter -- or the Northwest Staging Route', I believe it was called, an emergency landing field for aircraft going to Alaska during the last war.

much, The Americans had come and gone by this particular period. There were five white people in Hay River at that particular time, and we found a village that was self-sufficient, we found people with pride, we found people well-dressed, we found people living in the same type of housing, there was no difference between the white house and the native house, if you wish to make this type of differentiation. Everything was similar. Everybody had the little house at the back of the lot. Everybody had the 45-gallon barrel in the corner that sufficed for your water supply, and this was for the most part ice that was cut during the wintertime and used during the summertime. There were

1 | no vehicles to speak of. I think we had one truck in 2 | Hay River at that time.

But we did have something. We had a happy, tight-knit community. The economy was basically fur. There was some transportation by cat train during the wintertime, although this actually did not really affect the economy of this area very much. But the fur economy was successful, but why was it successful? There's a suggestion that the old days are always, I suppose, somewhat glorified in the fact that people are inclined to remember the better things and these are passed down to children and so that everybody thinks everything was perfect in those particular times.

Well, in part probably they were, but they were perfect because of probably the ignorance of the people involved. They didn't know that they weren't getting a good living. The wages at that time in this area were anywhere from \$75 a month to tops of 150. The price of groceries were higher than they are today. Butter was \$1, a pound, and eggs were over \$1, a dozen. We didn't have lettuce and the tomatoes and those other things you mentioned, we didn't really know, nobody had bothered to tell us that we couldn't survive without these things. We had not yet found that as a status symbol that we had to have a case of beer a day and a bottle of whiskey, and we were quite content with our lot.

The Hudson's Bay was the mainstay of the community. The manager of the Hudson's

Bay Company was the foreman of the village. If there 1 ever was a god in a place, it was the Hudson's Bay 2 manager, for he held in his hands your ability to 3 eat or not to eat. So if you were a trapper and were 4 not producing fur, your credit was cut off at the 5 Hudson's Bay Company. This was a very serious matter, 6 not only the matter of eating, but as a status symbol, 7 because credit at that time within the confines of the 8 Hudson's Bay was really a momentous status symbol, even 9 to the point that in some stores the amount of credit 10 was written on the wall for all the public to see. 11 So that these villages then 12 were being run and were being run with an iron hand, 13 with a man that had a very large club, the club of 14 whether you ate or did not eat. The net result was 15 that time and effort were put on the trapline and 16 17 trapping was successful. The second authority in the 18 19 town at that time would be the church. We had both faiths at that time here, and when they weren't busy 20 fighting amongst themselves they leaned very heavily on 21 22 the population because at that particular time in Canada, still to work was not really a crime, it was 23 24 really expected of everyone. 25 You mean Catholic and Anglican? 26 27 Α That's correct, yes. 28 Sorry, are there others? 29 (LAUGHTER) 30 Q Well, not in this part

of the country, as far as I can see.

A So the main thrust in the community of the leaders and by most cases, not particularly in Hay River because Mr. Dean was a Hudson's Bay manager at the particular time I came to Hay River, were very dour and tight-fisted men. Their careers depended entirely upon the production that they were able to maintain in their area. So their well-being depended completely on the success of the town that they were sent to. So they ran their towns with an iron fist and got the work done.

We had a third possible force in Hay River, however at that time we didn't have an R.C.M.P. posted, it had been vacated a few years previously, when the Americans left the police felt that they could leave town.

(LAUGHTER)

And they based themselves at Fort Resolution, so we had quite a ways to make a complaint. Then we had a fourth benefit, we didn't have any schools. There was no school in Hay River.

Now the end result really of trapping, for example, as an occupation depends greatly on the matter of cheap labor or a family involvement to make this type of an industry work. With no schools, the families went out on the trapline. The trapper wouldn't probably be caught dead without his wife and children out on the line helping him. So when we look at trapping and say, "Because of inroads of the white person, the trapping is failing," I think really you

have to go a lot deeper into trapping to really understand why the collapse in so much of the Territories. I suggest it's strictly a case of the reduced number of man hours. By "man hours" I put the family unit as being participants in trapping in those days.

So we had a happy little village, and it changed. Change took place when the highway was built. After the highway we had a hotel and liquor outlets. Following the liquor outlets we had welfare, and in amongst this whole particular growth period, education came to stay.

Now I presume that if you're looking at this to realize that previous to these things coming to Hay River things were in good shape, then these must be the things that caused the downfall of the people in the area. It seems to be a logical solution.

However, if you look at other settlements along Great Slave Lake, that don't have a road, that have not had the white influx of people, that have no liquor outlet, their position basically is no different than that of the people here.

So I'm suggesting to this
Commission that it is not only the things that have directly
happened to a town, such as highways, influx of. people, and
liquor outlets. I suggest to you it's a time frame in which
we are living and that the average Canadian concept has
changed, not only in the Territories but all over Canada,
with the net result that places such as Snowdrift, the only

```
way you can get in is by chartered aircraft, they have no
1
   roads, they have just every bit as much trouble, if not more,
2
   than we do, with liquor, with welfare, and all the related
3
   ills.
4
5
   Yet they are living in almost the same type of isolation as
   they did 50 years ago.
6
7
                             But your isolation in this
   day and age has been cut down with the advent of
8
   television, radio, and contact. We have an example
9
   where we had a successful village called Rocher River.
10
   One of your speakers yesterday, Mr. Stu Demelt's
11
   father, Ed Demelt, ran this particular town for many
12
   years. There was no welfare, there was no liquor
13
   outlet, and I suppose if I were to have to choose what
14
   I would say was the most self-sufficient area that I
15
   had visited up to that time I would probably have to
16
   name Rocher River. There was a fire in the school, the
17
   school burned down in that area and the government did
18
   not replace it. The government were going to use this,
19
   I believe, as a test area. They refused to send
20
   welfare officers and so on into the area, and the net
21
22
   result was that these people moved back to Fort
   Resolution where welfare rolls and schools were
23
   available. Now whether welfare came first or schools,
24
25
   is a matter of opinion. I presume that schools had a
   great deal to do with it.
26
                             However, for the lack of a
27
28
   few dollars, Rocher River, a successful settlement,
29
   disappeared.
30
                             Now Fort Resolution did not
```

have its road for many years after Hay River, 1 at to date has not had nearly the influence of the 2 white people nor the number of liquor outlets. 3 As a matter of fact, I don't believe today that there 4 is a liquor outlet in Fort Resolution. Their welfare 5 position, their crime rate, and all of the rest of the 6 7 ills are as high, or worse than Hay River. So the point I would like to 8 leave with this Commission is that an influx of people 9 into any specific area is not, in my opinion, the thing 10 that is going to damage or hurt the people. 11 to me it's kind of like a culture, and it's part of 12 Canada, it's just not only in the Territories and it's 13 kind of like a drowning man in ten feet of water, if 14 you add another ten feet to that water he's not going 15 to drown twice as fast. We're over our heads and the 16 wheel has started with the downfall of the culture of 17 the Northwest Territories, and in my opinion there is 18 no way of stopping it. 19 20 It appears to me, whether its fair or not, that the number of people involved 21 22 in the Territories as native people per se that retain their culture reminds me in part of having 1,000 23 gallons of water and a small amount of dye, and trying 24 to change the larger identity into that which -- I'm 25 referring to the dye as part of the culture here -- and 26 to change, you can put it in, it will make it a 27 difference in shade to what the accomplishment will be, 28 but it's certainly not going to color the larger 29 portion. What we are dealing with now really is the

rights of people. 1 First of all, we stand here 2 or speak in this Commission of the Northwest 3 Territories. I think I also must suggest that firstly 4 we're Canadians and although we certainly must make 5 every effort and do everything we can to make sure that 6 the Territories get their just and fair share of any 7 development in the Northwest Territories, which to date 8 I don't think we really have, but still we are Canadian 9 and what happens at the end of this Inquiry must also 10 take into consideration the effects, and the effects on 11 people I don't believe are going to be changed 12 radically by an influx of outsiders to build a 13 pipeline. I think you can go to any Eskimo settlement 14 that has grown in the last ten years and find the same 15 apathy, the same problem that we have here with little 16 to no outside contact, other than the government 17 housing policy that went in and put everybody in a 3-18 roomed bungalow, This damage has been done. This cannot 19 be changed. It's a matter of fact, and whether we like 20 it or whether we don't, I don't think the course of 21 22 this wheel can be changed. 23 THE COMMISSIONER: Thank you, 24 Mr. Stewart. 25 (WITNESS ASIDE) THE COMMISSIONER: Well, we've had 26 this afternoon four very thoughtful and helpful 27 presentations, and it's almost five o'clock so I think I'll 28 thank all of you who cane this afternoon and I think we'll 29 adjourn until eight o'clock this evening when I certainly

will welcome all of you back if you wish to come this 1 evening at eight, and we'll carry on this evening for, as 2 long as it takes to hear everyone who hasn't been heard 3 from, or who may have been heard from but who still has 4 something further to say. So thank you again for coming this 5 afternoon. 6 7 (PROCEEDINGS ADJOURNED AT 4:50 P.M.) 8 (PROCEEDINGS RESUMED AT 8:30 P.M.) THE COMMISSIONER: 9 Thank you all for coming. I thought I would begin this evening 10 by just mentioning to you some of the provisions in the 11 pipeline guidelines that we should all have in mind. 12 The quidelines say that Arctic Gas 13 or if it were a situation in which Foothills were to build 14 the pipeline, then Foothills, it says that the pipeline 15 16 company must undertake specific programs leading to the employment at all occupational levels of residents of the 17 Territories, and in particular native people during the 18 construction and operation of the pipeline. 19 Now it goes on to say that 20 21 the programs that the pipeline company must undertake have to include advance information on all jobs, skills 22 23 required for various occupations, upgrading and skilled training, other forms of training including on-the-job 24 experience, and counselling for those unfamiliar with 25 industrial jobs or wage style living. 26 That's a big responsibility 27 28 that the pipeline guidelines say that the pipeline 29 company must carry out, and I'll just repeat that.

Program -- and this is what the pipeline company must

do -- "Programs leading to the employment at all 1 occupational levels, every kind of job on 2 construction and operation of the pipeline, of 3 residents of the Territories and in parti cular 4 native people." 5 This is what the Government of Canada has laid down, and 6 7 one of the objects of the Inquiry is to see that that this is done. 8 9 Some of these things came up this afternoon and might well come up this evening, so 10 I thought I'd just read what the government has said 11 about this. Then it says: 12 "Priority placement in jobs," 13 that is first crack at any job, 14 "shall be given to native people of the Terri-15 tories in keeping with the International Labour 16 Convention ratified by Canada, and the govern-17 ment's intent to increase employment opportuni-18 ties for members of disadvantaged minority 19 groups." 20 I think that's a roundabout way of saying "increasing em-21 22 ployment opportunities or native people." And it goes on 23 to say that: "Ways and means will be found to ensure access 24 25 for these employees into the appropriate union locals and hiring halls." 26 This is a matter Mr. Tetrault touched on this afternoon, 27 so we have to think about ways of making sure that north-28 erners, native and white, if they want to, get into the 29 jobs and so far as the unions will be involved, the pipe-

line guidelines say that ways must be found to enable 1 them to get into the union locals and hiring halls. 2 3 It says: "In addition, the pipeline company will employ 4 labor from the locality where work is being 5 6 done," 7 and then it says: "The pipeline company must abide with all of 8 these principles," 9 Then it says: 10 "The collective agreements signed by the pipeline 11 company and the labor unions shall not distinguish 12 between people who live in the Territories and out-13 siders as regards special benefits and allowances, 14 including housing for operational staff, and these 15 benefits shall be in no way inferior for employees 16 from the Territories." 17 So the pipeline guidelines say that if you want to bring 18 people from outside into the Territories to work on the 19 pipeline, and you offer them housing and other benefits, 20 you have to offer those same things, housing and other 21 22 benefits to people who live here. 23 Now this is all laid out by the government and it is part of the terms of reference 24 that I have to consider, and since these matters did 25 come up this afternoon I thought I would just mention 26 them. 27 There is another matter that 28 -- there is another provision in the pipeline 29 guidelines that says:

"Contracts and sub-contracts shall be so designed and 1 2 publicized as to invite and encourage bids from native organizations, settlement councils and local 3 contractors," 4 and we've heard from a number of local contractors yes-5 terday and today at these hearings. 6 "In addition, businesses and commercial organi-7 zations in the Territories shall be invited and 8 encouraged to supply goods and services required 9 for the pipeline development and operation." 10 Well, I know you don't carry these things around in your 11 back pocket, so I thought I'd just read that out because it 12 might be helpful to you. I'm not suggesting you should 13 discuss these things tonight because they have been dis-14 cussed at length already, but I thought it would be useful 15 to you to know that that's the -- those are the guidelines 16 laid down by the government and we're trying, among other 17 things, at this Inquiry to work out ways and means of mak-18 ing sure that what is said there can actually be carried 19 out on the job. 20 21 So we're now open for anyone 22 to make a further statement, or anyone who hasn't had a chance to say anything so far to go right ahead 23 and do so; and as I said earlier, you can stand up, be 24 seated, or whatever you find most comfortable. 25 Yes, we'll just swear you in and then you 26 yes sir? 27 can --28 29 DOUGLAS CHASE, sworn:

THE WITNESS: My name is Douglas

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

Chase. I'm the superintendent of the Hay River Correctional Centre or the South Mackenzie Correctional Centre, as it's better known, and I understand that some matters touching on the correctional centre were brought up this afternoon and there was no representation. I received this information and thought it might be a good idea to come down and answer any questions that people might have. Maybe as an opening I might just explain for the benefit of yourself and anyone else that the program that exists at the South Mackenzie Correctional Centre, maybe as best I can although I wasn't the originator of it, the reasons for its existence. I think initially when corrections was established in Northwest Territories there was a fear that the southern traditions would be copied and there was great pains taken not to do so. Despite those efforts, after seven years of the Yellowknife Correctional Centre I think everyone agreed that all that had been accomplished was a carbon copy of the southern institutions, and I'm not saying that our current experiment won't be -- will be any different, but we're trying it anyway. As a result, it was felt that a decentralization community corrections was far more important than establishing a large warehouse for people; and the Community Correctional Centre in Hay River is designed to treat people in the community as opposed to treating them within an institution. In doing so they hope to deal with not just the problems but the causes of the problems, and truly bring about some rehabilitation, as

opposed to just keeping the public safe for a period of

time and just keeping a person out of the community for a period of time.

In trying to do this we tried to use the community in the South Mackenzie Correctional Centre as much as possible in our rehabilitation attempts and I think that the person who is serving time there would find himself in the community more than he would in the centre itself. We do this in several different ways, and one of our most successful and most desired, you might say, programs on the part of members who are there is our land program.

Our land program is one phase of the program that exists there, and its purpose is not to make hunters or trappers or fishermen out of the people who are there, but rather to make them aware of a resource that is really abundant in the north, and that is the land and all the things that go with it — the hunting and trapping and fishing as a recreational tool as opposed to a livelihood. The recreational means is far easier to achieve than a livelihood on the land. I don't think many people are being too successful in that respect, especially around this area.

For the most part we find that the people who are coming to us have had little or no experience on the land. If they have, it was many years ago when they were very young with their father or their mother, and did not have very much of a responsibility at the time. They are developing these skills, they are showing a greater appreciation

for the potential that the land has, and I think 1 some of them may use this to their own advantage when 2 3 they leave us. The other involvement with 4 the community is our community release program whereby 5 we encourage people to go into the community to work, 6 to go to school, to do things with their family that 7 they would normally do as opposed to sitting in an 8 institution awaiting visits from people, sitting in 9 institutions taking classes, or sitting in an 10 institution learning skills. We try not to duplicate 11 the services that exist in the community, and to try 12 and get our people involved in the community in these 13 areas. The result of our program so far -- and I have 14 to say its only been in existence for eight months has 15 been that security is the lowest on our list of 16 priorities, and the treatment is the highest. We've 17 tried to rid, ourselves of the dilemma of trying to 18 treat and punish at the same time. We concentrate only 19 on treatment and I think that the punishment should 20 take place elsewhere. Punishment maybe is the Court's 21 22 responsibility and not the Correctional Centre's 23 responsibility. Now that's just a quick sort 24 25 of run-down of our program. There may be some question that yourself have of us. 26 THE COMMISSIONER: Well, thank 27 you very much for coming, Mr. Chase. I think I might as 28 29 well ask you while you're here a few questions. 30 How many inmates -- I

know that's the wrong word, that's a word used down 1 2 south - are there? 3 We have a capacity for 4 Α 36 but at the moment we have 22, and we've sort of been 5 told not to go over 20. We found that a little hard to 6 7 maintain both because of the demand of employers and the demands of our own centre, and we're currently at 8 22. We feel we could be higher, we would like it to be 9 higher. 10 What is the age range? 11 Q At the present time I 12 Α think our age range is 17 to 45 or somewhere in that 13 neighborhood; but I think the average might help, if 14 there were an average age, I think the average would be 15 somewhere between 35 and 40, probably. 16 And what is the level of 17 occupational skills and education that these people had 18 attained prior to entering this program of the 19 institution? Any idea? A We haven't done any -kept any 20 statistics of that nature here at the centre, but I 21 22 was in Yellowknife prior to this and I donut think that the populations are very much different We're seeing 23 the same people and I would guess that its still the 24 same. The achievement level of the people. we tested 25 over a 21/2 year period was at about the Grade 6 level. 26 It varied in --27 That was at Yellowknife? 28 29 A Yes, it varied, depending on the skill that you were speaking about, but

```
generally the achievement level was about a Grade 6-7
1
   level. The skills that most of these people have, I
2
   might add, were the majority would classify themselves
3
   as laborers, the next probably predominant group was
4
   heavy duty equipment operator, and then within, after
5
   that some skilled tradesmen.
6
7
                                   What is the breakdown as
   between native people and white people?
8
9
                              Α
                                   In our centre I guess
   about 95% native, At the present time we have three
10
11
   white out of the 22,
                                   And at Yellowknife?
12
         I would say about 75% native, with a growing white
13
   population.
14
                                   One thing that intrigues
15
                              Q
        You said the average age here was about 35 or,
16
17
   even more? That's an exceptionally advanced average
   age for a penal situation, isn't it? You said you were
18
   down south. I think you would agree with that,
19
   wouldn't you?
20
                              Α
                                   Oh, definitely.
21
22
   selection has a large -- plays a large part in this,
   of course. That certainly wouldn't be the average age
23
   of the offenders in Northwest Territories by any means
24
   We select them and that was the average of the people
25
   in South Mackenzie. Being a person who believes in the
26
   Protestant ethics, I look for people who also believe
27
   in that, and I don't find them under 35 too often, so--
28
29
```

THE COMMISSIONER: Well, that's

interesting. Well, thank you very much, Mr. Chase. 2 Oh, excuse me. The other Mr. Dean. MR. DEAN: 1'd like to ask Mr. Chase 3 what reality therapy is and what reality is with respect to 4 5 the situation there. Α I believe Mr. Dean is 6 referring to what we've tried to call the treatment 7 process that exists there, and for a lack of a better 8 term, we use the term "reality therapy" because we 9 felt a lot of people might be familiar with it. 10 It's a term coined by Dr. William Glasser, who is the 11 originator of reality therapy, and really I guess to 12 us all it means is we try to make things as realistic 13 and natural as possible without creating some kind 14 of a clinical centre for treatment, and rather treat 15 the person in what is reality, his community, and I 16 quess that's to us reality therapy at the Correctional 17 18 Centre. 19 THE COMMISSIONER: Right. Well, thank you, Mr. Chase. Maybe if you're going to 20 be around a little while longer this evening we might 21 22 come back to you and ask you a few more questions as they occur to us. But I certainly am grateful to you 23 for coming down. 24 25 Thank you; my pleasure. Α (WITNESS ASIDE) 26 27 THE COMMISSIONER: Well, anybody else who wants to contribute something at this 28 29 point? It's too early to take a coffee break. 30 MR. JACKSON: No, I wasn't

going to suggest coffee. I was wondering if I could just ask Mr. Williams some questions arising out of your comments on the pipeline guidelines? Mr. Workman mentioned yesterday there was 100 native people involved in the northern training program, and I'm wondering if Mr. Workman could just give us some information as to of that 100 employees, (1) whether they are employed at all occupational levels in terms of the construction operation of the pipeline, and also if he has the figures of a breakdown as to how many are employed at what level in relation to these matters.

AL WORKMAN, resumed:

THE WITNESS: Sorry, I don't have the breakdown as to occupation that these people are involved in right now. I don't think I'd like to even hazard a guess as to the various breakdown. They cover, though, a wide range from surveying, equipment operating, right through to accounting and business administration.

The number that I mentioned the other day was, I said, roughly or approximately 100. I determined this morning that the actual number today is in the low 90's, It's a flexible number. It goes up and down from week to week, but today it's between 90 and 95.

THE COMMISSIONER: Mr. Workman, are

29 they -- how many of them are employed in the

30 Territories on the program I take it some are in

```
Alberta, is that right?
1
                                   I would guess -- and this is
2
                              Α
    just a guess -- probably 50% are in the Northwest
3
   Territories, 50% in Alberta. We would like to do all our on-
4
   the-job training in the Northwest Territories butt
5
   unfortunately some of the plants and facilities that are
6
   necessary for the training don't exist up here and we have
7
   to have the trainees take the training in the Alberta area.
8
                                   I think Foothills has just
9
                              Q
   come to your assistance there.
10
                                   Oh.
                                        Very good.
                                                    We have
11
   Nortrain training position for March 1975, welder
12
   apprentices, 2; millwright apprentice, 5; controls
13
   technician, 4; operator 1, 4; operator 2, 4; operator
14
   3, 2. Now by "operator" this is a compressor station
15
   operator. Electrician 1; gas control technician , 3;
16
   control technician, 1; measurement technician, 2;
17
    lab technician, 1; gas plant operator, 11; production
18
   operator, 3 -- this is oil fuel production; gas
19
   transmission operator, 9; roughneck, 9; material
20
   supervisor, 2 -- this is almost like an expediter out
21
   in the field; labor pool, 3; mechanics -- now "labor
22
   pool 3", that's probably our first stage in their
23
   training where they will be advancing to something more
24
   technical later on. Mechanics helper, 1; equipment
25
   operator, 4; heavy equipment mechanic, 2; clerk
26
   expediter, 4; refueller -- that's aircraft refueller --
27
   4; surveyor, 1; horticultural technician, 2; clerk
28
   typist -- pardon me, accounting, 8; clerk typist, 1;
29
    stenographer, 1;
```

maintenance, 2, and that gives a total of 91, and that 1 was in March '75. I understand there maybe one or two 2 3 higher than that today. MR. JACKSON: I'm wondering, 4 Mr. Commissioner, if I can be permitted one more 5 question. Could that document be marked as an exhibit 6 7 if it hasn't already been done so? MR. HOLLINGWORTH: That really 8 creates a problem, Mr. Commissioner, because it's part 9 of Foothills' application, I've thrown the ball right 10 into your corner on that one. 11 THE COMMISSIONER: Well, we've 12 got the information on the transcript, so I think we'll 13 let it go at that for now. We'll struggle with these 14 problems when we get back to Yellowknife. 15 16 One thing I was going to say, and you might let others know this, this is the 17 time the Inquiry will be in Hay River, There are many 18 communities that we have to visit. We'll be in the 19 Indian Village tomorrow, and we may see some of you 20 there,, but if you decide tomorrow or next week or next 21 22 month or the month after that that there's something you want to say to the Inquiry that you didn't think of 23 while we were here at this time, I hope you will feel 24 free to write a letter to me in Yellowknife, and just 25 set out in the letter anything you want to add to 26 what you've said here in Hay River, or if you didn't 27 say anything at all here in Hay River, please feel 28 free to write to me and let me have your views. I'll 29

let all the participants, I'll let the pipeline people

and the native organizations and the others see your 1 letter just as they would see and hear what you have to 2 if you speak here this evening. But I want you to 3 understand that this, just because we are here now and 4 won't be here again later in the year, that you're not 5 closed off in any way from expressing your views and I 6 hope you will write to us if things occur to you that 7 you didn't have a chance to raise with me here 8 9 yesterday or today. You might pass that onto 10 anybody you run into here in Hay River who tells you 11 they didn't get a chance to come down here to the 12 Legion and to say their piece. I'll be happy to hear 13 from any of you if you want to express your views in 14 writing as we go along. 15 (WITNESS ASIDE) 16 17 THE COMMISSIONER: Well, anybody else with a contribution to make? 18 Yes, Mr. 19 Stewart? DON STEWART, resumed: 20 21 THE WITNESS: Mr. Commissioner, I'd have been a little better prepared if I hadn't have had my 22 after supper sleep, but however, I think there are a few 23 points here we may take this opportunity of clarifying. 24 This afternoon I endeavored to 25 express my opinion that the 20th century had caught up to 26 the Northwest Territories, and we're in the throws of this 27 type of development. Now whether we like it 28 or whether we donut, it is my opinion that if we are going 29 to fairly see that the people that are having a difficult

time during this transition period are 1 looked after, that we have to come up with some type of an 2 employment umbrella to look after their specific needs. 3 Firstly, I would like to 4 point out it is certainly not my intent to suggest that 5 the Work Arctic principle would be used for all 6 employees that may be found in the Northwest 7 Territories. This is not the suggestion at all. But the 8 Work Arctic or a type of Work Arctic principle would be 9 used by those people that feel that they need some sort 10 of an umbrella. 11 Firstly in this day and age 12 when a construction job is being undertaken, and people 13 from the south, generally speaking, have made efforts 14 to comply with the government regulations that native 15 or local people be hired for the work to be done, I 16 think in most cases they have tried this. However, due 17 to a number of reasons, the employee has not been able 18 to meet the expectations of the company who has 19 employed them, and the company being subjected to time 20 schedules, could no longer go along with the 21 22 proposition and as a usual result in most of the contracts that I have noted, the end result has been 23 that outsiders have been brought in to finish the job. 24 Now one of the main 25 difficulties that I have noted, that many of the people 26 who have been hired are not in physical shape to go out 27 on a contract base and do physical work for eight or 28 nine hours a day on a 5-day week. It takes some 29 time to get back into physical shape when people have

been laying around for a considerable time actually not working; and so often this is not taken into consideration by the firms hiring. So we have developed a program that we call Work Arctic.

Now the premise of Work Arctic is very simple and it only means that everyone of the native people -- and by "native people" I'm not referring to Indian, Eskimo or Metis, but I'm referring to all people of the Northwest Territories who are native to the ways of the Territories, and this includes white people -- that everyone has the right to work at his own pace, to hours and number of days worked.

On this basis, Work Arctic did not insist that everybody work five days. If a person showed up for three days, he was paid for three days' work. If a person was late, he was docked pay for the hours that he was late. There are many people that are not normally morning people, a lot of people prefer to work in the afternoons. Where possible we shifted our workloads to look after these people so that their eight hours may be from noon until on into the evening. We had a policy that we discharged no person for any cause during the length of the project.

Of course you must maintain some discipline to get some work done. This is recognized. But we used the one and only thing that we felt was fair to use in that we only paid for actually the fair hours of work that we received. If we found a person for whatever reason, dogging it, as we say on the job, he was sent home with the suggestion he should

maybe have a little sleep and return the next day, but the length of time that he was taken off the job would be no more than for one day. If he returned the following day, he went back to work and nothing further was said about the matter.

We found that to make this type of thing work more effectively, that we broke the work force down into small units of from five to ten persons, depending on what work was to be done, and one of the members of this small force would be appointed as the foreman, and in many instances this foreman would be elected by the people that were working on this crew. The foreman would receive an added amount of money for the work for the added responsibility of being foreman.

The work units were made up of persons who could identify whenever possible, that is if there were units of people that normally went hunting or did other types of things together, we tried to get these type and make them up into units because we feel that one of the basic problems with the native people is that they prefer to work in groups, it is probably part of the culture of the area. When work was to be done people all got together and did it as a unit rather than on an individual basis and we found that the work accomplished when we kept people together this way was most satisfactory. Actually we accomplished more probably on a workload hour basis than you would expect from normal crews.

We also used possibly a Boy

28 l

Scout approach in that where possible, work units were set in competition to one another, wherever possible. This seemed to put an air of competition of a holiday competitive type of spirit and possibly a gain spirit in the matter of work and made the thing a lot more pleasant for everyone concerned.

Now the foremen that were appointed or elected to maintain this position their work habits, if they missed days, for example, due to things that were not acceptable to the organization, that is rather than sickness or something of this nature, they just lost their foreman's hat. They were not discharged from the organization, they started all over again. We had several foremen that might have been foremen four or five times during the occupation or the work of Work Arctic over the couple of year periods.

The end result on work, particularly clearing, was most satisfactory. As a matter of fact, the amount of work accomplished by crews divided in this manner were far beyond the wildest expectations of engineers and people who were used to doing this type of work. I think the same thing probably is true of Hire North, which really was an off-shoot of work Arctic when the original concept was put together here in Flay River with Mr. Steiner and a group of business people in town

So really there is nothing very complicated about the division of such a work force. It is to a certain degree providing special favors, possibly, in the normal concept of the outsider

1	as to employment, but we have seen this employment work
2	here, we know its possible, and it's the only way that
3	I personally have seen where native people have had a
4	fair chance to continue working on any given project.
5	I think that the satisfying
6	thing about such a project, after a couple of months of
7	operation, we found that we were getting up to 97% of
8	40-hour weeks from people who had before not really
9	been held responsible to show up on a regular basis.
10	But in two months' time, working under an arrangement
11	such as this, this was accomplished.
12	THE COMMISSIONER: Thank you
13	very much, Mr. Stewart.
14	(WITNESS ASIDE)
15	THE COMMISSIONER: I will
16	invite you all to stay for a cup of coffee. I've only
17	one problem, I'm not sure if there is any coffee.
18	There isn't? Well, I'll see if anyone else has
19	something to say. Yes sir?
20	MR. FRASER: As far as this
21	northern training program
22	THE COMMISSIONER: Excuse me, do you
23	mind if we swear you in? We do it for everybody.
24	MR. FRASER: 0. K.
25	
26	
27	EDWARD FRASER sworn:
28	THE WITNESS: I'm Ed Fraser and I
29	just wanted to ask a few questions on the northern training
30	program that they have.
'	'

1	THE COMMISSIONER: Sure, go
2	ahead.
3	A I understand that the
4	turnover is quite rapid, there is quite a few people
5	that are quitting and stuff like that.
6	THE COMMISSIONER: Do you want
7	to take that in your hand, Mr. Workman, I mean the
8	microphone and
9	MR. WORKMAN: Actually these
10	are some figures I managed to pick up this morning. I
11	contacted our Nortrain people. As far as turnover is
12	concerned, the number of people that have entered our
13	course since April 30, 1975, is 158, and were now at
14	this figure of 91.
15	THE COMMISSIONER: Excuse me,
16	What was that date again?
17	MR. WORKMAN: Since September
18	sorry, September 1, 1973.
19	THE COMMISSIONER: Do you want
20	to just start that over again so that we all get it?
21	MR. WORKMAN: The total number
22	of people who have been in our course since September
23	'73 to April 30 75 is 158. Now there were a few of
24	these people were on the course prior to that through
25	the Alberta Gas Trunk Training Program. The number on
26	the course today, or in March, was 91, which gives a
27	turnover of very close to 50% per year, which
28	considering the northern situation and moving people
29	away from their home base, is not out of the way. I
30	think most industry in the north has a much higher

turnover than 50%. Actually we're quite proud of this 1 figure of 50% turnover. It's not a 50% turnover in the 2 normal sense either, in that a lot of the people that 3 have left the program left to go on to occupations that 4 opened up because of the training they received. 5 For example, I can think of 6 one case a couple of cases, actually -- of individuals 7 who were trained in electronics and are now working for 8 the C.B.C. as technicians. These are included as 9 turnovers. They aren't failures by any means. They 10 are almost graduates, of course. 11 12 THE COMMISSIONER: Well, in the course do you have a set length of time that you 13 regard as appropriate? 14 MR. WORKMAN: No, that's up to 15 the individual. He can carry on as long as he is able 16 17 to accept more training. THE COMMISSIONER: 18 And what is the average length of time that the trainees spend 19 20 in the programs, do you know? MR. WORKMAN: Well, some that 21 22 have started prior to 73 are still with us, still being trained. Some have advanced to the point where they are 23 now training the trainees. I cant really give you a 24 25 figure on that. I think the 50% turnover is as good a figure as I can come up with on that. 26 27 THE COMMISSIONER: Mr. Fraser. 28 any other questions? Go ahead. 29 Well, I've talked to Α quite a few trainees that have worked there and been

down there for a while and it seems like they go down there and after maybe three months they start learning and then after three months it doesn't seem like there is no job left. You're just following a guy around and you're not really learning anything, and you lose interest, and I think that's why a lot of guys are quitting because it seems like there's nothing to carry on. They give you a position. They say, "You're a northern trainee" so they're scared to give you a position. You're just an extra man on shift work down there.

THE COMMISSIONER: Where are they working? Are they working in gas plants, in pipeline construction, or what?

MR. WORKMAN: In all phases of industry from gas plants to -- there's not so much involvement with pipeline construction because there's not that much construction going on. Some are up in the delta working on rigs up there. Others are working in oil fields, and various trades, as I outlined earlier, from electricians to stenos to accountants, and I'm just amazed to hear that you're getting reports that the people are not -- the trainees are getting in the position where they're almost an extra hand.

The only thing I can think of there is that when they learn one phase of their job, they are moved on into another area to accept more training. We donut want to leave them in one spot just doing the same job over and over again, they're moved on to another area for more training.

3

4

5

6

7

8

9

10

11

12

13

14

15

1617

18

19

20

21

22

23

2425

26

27

28

29

Α Well, like I was down in the training program for over a year and a half and it seemed like after the first three months things just went downhill and it seemed like there was nothing left, there was no progress getting made. They send you out/to school, but still there's four guys on a shift and I was the fifth man on shift, and some guys would start working there and you know, you'd have to start showing them what to do and everything, but they're still making \$1.20 an hour more than you. Like they had a list on the wall of different positions and wage scales, and they had "Northern trainee" and "Northern trainee regular" and it didn't seem after your northern trainee regular it didn't seem like there was anywhere to go unless you quit and went to work for somebody else, because once you're a northern trainee regular that's the highest your wage scale went. MR. WORKMAN: I just don't understand this. Our policies with all the companies involved in the training program is to pay the going rate for the job, and on top of that the northern trainee received extra benefits in the way of accommodation for himself or his family, or and his family if he had a wife and family. Α Have you talked to any trainees that have quit the program, or left the program and asked them why they left it, if there was good reason to leave it or anything like that? MR. WORKMAN: I've not been directly associated with the program for the last few

1	months, but I'll sure look into this, Ed.
2	A Because I've talked to
3	quite a few that, you know, have quit or left and it
4	seems like they feel that, you know, they're not doing
5	anything. There is no concrete job for them, it's just
6	you're northern trainee, you know, you're not as good
7	as us so why should you be working here, and it's the
8	feeling of a lot of people you work with, they say,
9	"You get your extra benefits," sure you do, but they
10	hire guys that are making a lot more that you, so
11	really your extra benefits don't really count for that
12	much.
13	THE COMMISSIONER: What
14	company were you with?
15	A I was with Gulf Oil.
16	Q And where were you?
17	A In Rocky Mountain House
18	in a gas plant.
19	Q Did you say Rocky
20	Mountain House?
21	A Yes, because I don't think the
22	turnover would be that high if, you know, people could
23	there seemed like there was some - you know, like they talk,
24	you know, there's a real good future
25	and stuff, but it seems like, you know, that you're
26	just going to be there for the rest if the pipeline goes
27	through or if it doesn't, you're just going to be there
28	following some other guy around because he is from down south
29	and knows better, is actually the feeling I got.
30	THE COMMISSIONER: Well,
'	

```
thanks very much, Mr. Fraser, Is there anything else
1
   you want to add, or any other questions you've got?
2
3
                              Α
                                   No.
                              THE COMMISSIONER: Thank you
4
5
   very much, sir.
                              (WITNESS ASIDE)
6
7
                              THE COMMISSIONER: Yes sir?
8
9
                              AL VAIL, sworn
                              THE WITNESS: Good evening, my name
10
   is Al Vail. I've been a northern resident for about nine
11
   years. Perhaps questions I wanted to ask of the applicants
12
   have been asked before, but I have been unable to attend the
13
   hearings or get enough information about them.
14
                              When I heard you say last
15
   evening that the project as its envisioned is the
16
17
   largest single undertaking in history, it means that
   the magnitude must be great.
18
                              THE COMMISSIONER: Well, that's what
19
   Arctic Gas tells me, but let me add a couple of
20
   qualifications.
                     It's the costliest undertaken by private
21
22
   enterprise. Government projects, this will not surprise you,
   I suppose, but they've been known to cost more than that.
23
   But at any rate it's a vast project
24
25
   and the superlatives appear to be well chosen so far
   as its extent is concerned and the amount of money
26
27
   that will be spent. But anyway, carry on, sir, and
   feel free to ask questions of these gentlemen.
28
                                   Yes, I think perhaps my
29
                              Α
   questions would be directed at the applicants. Firstly,
30
```

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18 19

20

2122

23

24

25

26

27

28

29

the information that I have from the little bit of reading that I have done tells me that the schedule is something like three years, three or four work crews spaced out along the route. If that is so, I ask then why is it not considered from a cost point of view that a longer period of time with smaller crews or less crews be considered so that the project be carried over ten years? In my experience, if you try to do a thing too fast you have a great deal of waste, and the figure was mentioned of something like 100 more barges or doubling of the fleet now based in Hay River that would be necessary to move the pipe. I think there is a great deal of waste because I don't see the volume of traffic moving up to that state where 100 barges and 8 tugs could be used or utilized in five years from now. The normal attrition of traffic doesn't decline that fast. So they would therefore either be stored or ripped apart as scrap and a terrific waste ensue. I suggest that perhaps the thought might be taken that one-third of the increase in barge and shipbuilding might be a reasonable alternative and get the job done as well. I recall that back in 1968 there was quite a flurry of activity when Atlantic Richfield attempted to get an oil pipeline build down the Mackenzie, and as I understand, it fairly nearly got through. So we've waited this long and we've heard a vast flurry of activity about pipeline for at least

seven or eight years that I know of, and I know it

takes a long time to plan an activity of this kind and

to get it in operation. I'm wondering now about the 1 rush to complete it in three years from the time it 2 3 starts. THE COMMISSIONER: Mr. Carter, 4 5 Mr. Williams, Mr. Workman? MR. WILLIAMS: Well certainly 6 a project of this magnitude takes a substantial amount 7 of planning and the planning has been going on for a 8 period of close to six years now. The oil pipeline that 9 you refer to, I think there were about 15 companies in 10 the consortium studying the oil line and of course 11 once the Alyeska project was approved, it reduced the 12 requirement for an oil line down the Mackenzie Valley 13 because the oil reserves had not been, and to my 14 knowledge have not yet been established in the Canadian 15 Delta, the Mackenzie Delta. 16 The matter of stretching out 17 the construction schedule has had a lot of study and 18 consideration, and it's in my opinion straight economic 19 that the quicker the project can be put into operation, 20 once an approval is received, the quicker, of course, 21 the company begins receiving benefits from the flow of 22 the gas, and the studies done to date indicate that the 23 faster it is done, the better the economics are. 24 Certainly once a certificate is 25 received, there will be a rush to move the project along as 26 quickly as possible, and that's the way the schedule is laid 27 out in the application. On a straight economic basis, I would 28 be unable to see that there would be an advantage in delaying 29

the project or spreading it over a longer period of time.

Α Does your economic con-1 2 sideration place any value on human conditions or the actual dollars that will be expended by individuals or 3 costs suffered in the dislocation, relocations of 4 individuals, communities, groups of people? It seems to 5 me somebody is going to bear these costs, whether it be 6 individuals, government agencies, or some of the other 7 companies actually doing the construction. 8 wondering if these are in the projected estimates. 9 MR. WILLIAMS: Well, certainly as 10 long as the studies have been going on these aspects have 11 been considered and we had the full cycle this afternoon, I 12 think, on this particular topic. The variation of the 13 spectrum was certainly wide as to personal opinions at this 14 hearing as to what the ramifications may be, and these 15 certainly have been taken into account by Canadian Arctic Gas 16 since the inception of these studies, and this will be dealt 17 with in considerable length at another phase of the hearing 18 in Yellowknife at a later date. 19 20 I'm sorry, but its really not my field. 21 22 Α So the answer then to the question is that in your economic consideration 23 that you mentioned, no consideration actually was given 24 for the human dislocation or relocation? 25 THE COMMISSIONER: Well, Mr. 26 Vail, to be fair to Mr. Williams, and his colleagues 27 from Arctic Gas, they have filed with the Inquiry 28 a lot of material to show that they did take the human 29 factors and the situation in the communities into 30

2

3

4

5

6 7

8

9

10

11

12

13

14

15

16 17

18 19

2021

22

23

24

25

26

27

28

29

account. Now, in Yellowknife were going into this in some detail later on in the year, in the fall, and it may turn out that they have gone about this in a way that we would all think was sound. It may be that it will turn out that they haven't. We still have to look into that. Well certainly bear in mind that is I will and I have no doubt they will -- bear in mind the necessity which you've reiterated of keeping in mind what the impact will be on the communities and the people in the north. One of the reasons I'm coming here and to other communities is to see what your concerns are and to see what your suggestions are by "you" I mean everybody here - about this pipeline. If they are going to be allowed to be built, to build it, what conditions to be laid down, what conditions do northerners want to be laid down? one of the things that I'm anxious to find out about it. Do you want to add anything, Mr. Carter, to what Mr. Williams said? MR. CARTER: No sir. Α Fine, My concern as expressed again goes back to the period of time of construction, and we have lived in Hay River for very long and seen the dislocation of the Vale Island, although there were other reasons for a large movement of people from the island. In the last five or six

years there has been some pressure put on these

residents of/the island -- both the residents and the

businesses to move off the island and allow it to be

completely used for industrial purposes in connection 1 with the pipeline and the movement of freight. 2 When we consider the 3 magnitude, of course, of the amount of pipe that is 4 expected at this point at least to be transported 5 through Hay River, it gives us some indication of the 6 type of dislocation that will take place and Hay River 7 will be one of the most affected places during the 8 construction phase, and as a direct result will suffer 9 most when the pipeline construction is over, because 10 the pipeline does not really accrue any direct benefits 11 to Hay River once it is constructed, other than an 12 increase in the overall freight handling, which we 13 project is going to continue to flow through Hay River. 14 My main location at this time 15 is as a farmer, and while I have been engaged in this 16 for some number of years I am trying to make a decision 17 that was when I was going to drop all my other 18 interests and I got short-circuited by Jud Buchanan's 19 announcement, shortly thereafter in saying that we 20 weren't allowed to farm in Northwest Territories. 21 Perhaps that's misquoting, but it amounts to much the 22 same thing, So I'm, you know, very concerned about 23 other dislocations and whether this announced policy is 24 also involved very directly in the pipeline proposals, 25 the 26 Indian land claims of course we know are involved; but 27 28 it does affect quite a number of people who had started a fairly budding new industry in the north and 29 are now being forced off their land or legislated by 30

taxation or other restrictive measures to force them 1 off their land, and these are all direct results and 2 I'm very much involved and very much concerned that I 3 am not going to be caught in that also. 4 THE COMMISSIONER: Mr. Vail, 5 let me just say that what you have suggested will be 6 7 taken into account, Arctic Gas has come along with this proposal and they've said it will take essentially 8 three years to build this pipeline. Some northerners 9 have said to me as I've gone around the north, "We 10 donut want it, period." Others have said, "We don't 11 want it until our land claims are settled." Some have 12 said, "Wait for ten years to build it," You've said, 13 "Stretch it out not over three years but over a longer 14 period of time, and you won't have to build out what 15 may turn out to be excess capacity for materials 16 handling at Hay River and down the river." Others have 17 said, "Three years sounds fine, let's get started." 18 19 So there are a variety of opinions and I asked Arctic Gas and Foothills and the 20 native organizations and others to send representative 21 22 to this meeting here in Hay River so that a suggestion that you and other citizens of Hay River have made can 23 be taken into account because later on in the forma 24 hearings at Yellowknife I'll expect the pipeline 25 companies to deal specifically with your suggestions --26 by "your suggestions" I mean all of the suggestions 27 that we've had at these meetings, and you can rest 28 assured that I will require them to deal with them. 29 Sometimes it's difficult to expect them to reply sort

1	of immediately here this evening, that's all, and you
2	may think that I'm going easy on them but I'm just
3	trying to be fair about it.
4	Anything else you want read,
5	sir?
6	A I think not. Thank you
7	very much.
8	THE COMMISSIONER: Thank you
9	very much.
10	(WITNESS ASIDE)
11	MR. STEPHENS: Mr. Chairman,
12	we know the pipeline is going to come through anyway.
13	We know that's going to happen. No use trying to stop
14	it.
15	THE COMMISSIONER: That's
16	another point of view.
17	MR. STEPHENS: We know that
18	already.
19	THE COMMISSIONER: I wonder
20	if we could have your name, sir?
21	
22	MR. STEPHENS: My name is
23	Bert Stephens and I come from the St. Peters Indian
24	Reservation.
25	THE COMMISSIONER: Thank you,
26	Mr. Peters. I think you, Mrs. Wright, wanted to add
27	something?
28	
29	MRS. WRIGHT , resumed:
30	THE WITNESS: I would just

```
like to -- I was just thinking about, what are the
1
   usual medical services they provide on a project of
2
   this nature? It just occurred to me that it would
3
   probably be interesting to people here.
4
                              THE COMMISSIONER:
5
                                                 I'm sorry,
   you weren't speaking into the microphone and I didn't
6
7
   hear you.
                              Α
                                   I wonder, Mr.
8
   Commissioner what are the -- if the companies could
9
   tell us, what the usual medical services do they
10
   provide on a job of this nature that has such a vast
11
12
   terrain to it, you know? What do they usually set up?
                              Q
                                   You mean in the camps?
13
                              Α
                                   Yes, just generally,
14
   Well, I'll you, I'm a nurse and --
15
16
                              THE COMMISSIONER: Excuse me,
17
   Mr. Peters, we've got someone here that we want to give
   a chance to speak, so if we're all just kind of
18
   listening, I think we'll get along a little better.
19
                                   I'm a nurse and I used
20
                              Α
   work here just privately in the early days, and these
21
22
   things are just coming to my mind, what do they usually
   set up? It just occurred to me and I wondered if they
23
   could tell us anything about it.
24
25
                              THE COMMISSIONER: Yes, thank
26
   you, Mrs. Wright.
27
                              MR. WILLIAMS: This was
   medical service , was it, Mrs. Wright?
28
29
                                   Yes.
                              Α
30
                              MR. WILLIAMS: The general
```

practice in pipeline construction work is that a 1 qualified First Aid man, usually with an ambulance, 2 works with the pipeline spread and he's in contact 3 with the various foremen on the construction, he's in 4 contact with them by radio and moves to an emergency 5 situation as required. Now, that's the general 6 7 practice in the south on the prairies. Obviously in the north, 8 things are more difficult and will have to be adjusted 9 accordingly, which may require more First Aid people, 10 and certainly aircraft support to take any injured 11 people out of the camp that require major attention. 12 13 (WITNESS ASIDE) THE COMMISSIONER: Well, 14 anyone else who wishes to add anything? Yes sir, 15 Mr. 16 Fraser EDWARD FRASER, resumed: 17 THE WITNESS: When you're 18 talking about that 50% turnover for jobs, I'd like to 19 know what are/you comparing it to? If you go down there 20 for a job it's more or less a query if you plan to 21 22 spend your life there, and a lot of people work up here as laborers or just -- or they just want to work for a 23 few months; is that what you're comparing it to, or are 24 you comparing it to people that are making a career out 25 of it? 26 27 MR. WORKMAN: The 50% was obtained, Ed, by the total number that were enrolled 28| on the course over the period, September '73 to April 29 175, 158. There are now 91, that leaves 67 that have 30

left the course, 67 over 158 gave us roughly 50%. 1 But what I was asking 2 Α was when you were comparing that with what the turnover 3 is in Northwest Territories for workers, were you 4 talking about workers that wanted to make their career 5 out of this job, or were you just comparing it with the 6 7 everyday worker? MR. WORKMAN: I was just 8 comparing it to general labor in Northwest Territories, 9 I believe it has a much higher turnover than 50%, For 10 I think hotel labor runs around 500%. 11 example, THE COMMISSIONER: 12 In a year? 13 MR. WORKMAN: Yes, that may be plus or minus 100%, but it's extremely high figure. 14 Yes, but that's -- like 15 16 people don't really want to make their career out of working in a hotel and when people go down to work for 17 Trunkline or Canadian Arctic Gas, they want to, you 18 know, they plan on making it their career, So I don't 19 think that that comparison is very good at all. 20 MR. WORKMAN: I think any 21 22 industry in the north is probably higher than 50% turnover. I think you'll 'find that the 50% turnover is 23 24 probably on the good side. 25 THE COMMISSIONER: I think Mr. Fraser may well be making the point that if you 26 compared the turnover of northern trainees to the 27 turnover in employment with those companies, for 28 instance the turnover of northern trainees at Gulf, 29 with Gulf's other employees, I think he's making the

point that the figures might not come out in the way 1 I don't know whether that's 2 that you have outlined. 3 sound, but --MR. WORKMAN: I can't give you 4 exact figures on that, but I would be surprised if any of the 5 oil industry figures turned out lower than that. 6 7 Well, when I was working there, there was, I think, seven northern trainees 8 that went through there, and there may be two regular 9 employees from Gulf that went through. It seems that 10 the northern trainees are a lot higher than the regular 11 12 employees 13 MR. WORKMAN: I don't know, Ed. I'm not talking about one particular plant, I'm 14 talking industry in general. 15 16 And when you mentioned fringe benefits, they do have good fringe benefits but 17 I remember working on jobs up here when they hired 18 people in Edmonton and flew them up, give them a hotel 19 room and paid all their meals and everything, plus 20 paid them 80 or \$1. more an hour than a northern guy 21 22 was getting who was hired locally. So if northern people are going to work down south, why shouldn't they 23 get fringe benefits when southern people have been 24 25 getting it for years? MR. WORKMAN: I think we're in 26 agreement there and we recognize that and gave the 27 28 northerners benefits when they went south. 29 And one other thing I'd Α like to bring up is we had a meeting one time with some 30

```
people from Calgary, from Canadian Arctic Gas office
1
   and that, and we had a few beefs and we wanted to bring
2
   them up, and so one guy -- the guy from Gulf and the
3
   northern co-ordinator got up and said, "Well, look, you
4
   guys, look what we're doing for you. We're spending all
5
   this money bringing you down here and training you and
6
   we're not getting nothing out of it."
7
                              But why I thought they even
8
   started the northern training program was because
9
   it's just a political thing that , "Look if we train
10
   all these northerners they're going to say, 'Yeah,
11
   build your pipeline and gas plants and take it away,"
12
   but they're not really giving you a position down
13
   there, they're just giving you more or less a job. You
14
   can be a trainee for maybe five years. I'm not really
15
   running down the training program because it is good in
16
17
   a way, but I think there can be a lot of improvement
   made.
18
19
                              THE COMMISSIONER:
                                                 Well,
   thank you, Mr. Fraser.
20
                              A Thank you.
21
22
                              (WITNESS ASIDE)
23
                              THE COMMISSIONER:
                                                   Well,
24
   anybody else?
25
                              MR. STEPHENS: There's no
   point in trying to stop the pipeline because it will
26
27
   go through anyway.
                              THE COMMISSIONER:
28
29
   can add that to the list of points of view I gave you
   earlier, Mr. Vail.
```

1	MR. STEPHENS: We know it's
2	going to go through.
3	THE COMMISSIONER: Well, yes
4	sir, the gentleman at the back.
5	DON FERGUSON, sworn:
6	THE WITNESS: My name is Don
7	Ferguson and I'm a resident of Hay River for the past
8	eight years and I've been in the north for several
9	years before that.
10	THE COMMISSIONER: Mr.
11	Ferguson, maybe you'd pull that microphone a little
12	closer so the people behind you can hear. Just take
13	your time.
14	A I have a few questions
15	that I would like you to allow me to ask both of the
16	competing companies, if possible. As a northerner and
17	as a Canadian, I think we should be concerned about
18	some things such as who is going to own the pipeline
19	and who is going to gain most benefit by it?
20	THE COMMISSIONER: All right,
21	just before you do that, Mr. Hollingworth, maybe you'd
22	like to come up to this table with your colleagues so
23	that you're not answering these questions from the rear
24	of the hall. There's nothing symbolic in this
25	invitation to come forward.
26	Go ahead, sir.
27	A I'd like to ask both
28	companies, does your company intend to include lateral
29	gas service lines to communities along the route in the
30	Northwest Territories as part of your total initial

capitalization? If so, how many; and if not, why not? 1 THE COMMISSIONER: All right, 2 Mr. Carter, we'll let you go first. 3 MR. CARTER: In response to 4 the first question about ownership of the pipeline 5 company, Mr. Horte, the president in Yellowknife last 6 week, outlined the policy, and that policy is that 7 Arctic Gas intends to have majority ownership of its 8 equity capital held by Canadians, equity capital being 9 the control of the company, and the balance of the 10 capital being the debt capital, would hopefully be 11 raised, the majority of it, in Canada; but even if it 12 were not, the control would be in the equity capital 13 and in that way Canadians would have control of the 14 pipeline company. 15 16 In response to the second question, as I mentioned earlier, Arctic Gas' position 17 is that there are certain communities that it's 18 economically feasible to supply gas to, and they would 19 provide the necessary laterals for that purpose. But 20 the Hay River lateral, as it's referred to, is not 21 according to the studies that have been undertaken by 22 Arctic Gas or its consultants, an economically feasible 23 proposal when you consider what the price of the gas is 24 going to be to the residents in Hay River compared to 25 the fuels already available. However, when you consider 26 a number of items that I've outlined, you can see that 27 things such as the present subsidies that may exist, 28 you can see that its a policy decision that cant merely 29 be made by the pipeline company, but they add this into

their cost, consumers further on down the line are 1 going to have to bear the cost and the government might 2 very well say, "Well, were not going to go along with 3 that." 4 So the ultimate decision is 5 up to the government and Arctic Gas says that if the 6 7 government says that as part of construction of a pipeline in Northwest Territories gas laterals should 8 be supplied and the cost of those should be borne by 9 consumers further on down the line, or the cost should 10 be subsidized by the government, then Arctic Gas of 11 course is prepared to go along with that. But they say 12 that the decision is not theirs to make, that it has 13 to be a policy decision by the government and that's 14 for those communities where their studies have shown 15 that its not an economically feasible means of 16 17 supplying fuel. I have a subsequent 18 Α 19 question THE COMMISSIONER: Excuse me. 20 21 do you want to hear from 22 Foothills on that? A Id just like to have them clarify 23 one point. 24 Carry on. Q 25 Α You said that the equity capital in this company would be provided -- opportunities for equity 26 in the company be provided to Canadians. What time frame? 27 MR. CARTER: I'm not certain 28 of the time frame but it's not a requirement that all 29 of the equity capital be obtained before the project

starts. As you can understand from the construction 1 timetable, certain facilities are constructed in the 2 first year, more in the second year, and the third 3 year, and so on. So that in that sense it will be 4 spread out over the construction plan. 5 6 And by the time that the pipeline is constructed we can assume that the 7 8 Canadians will own -- Canadian people will own the company? Will own sufficient shares in the company. 9 MR. CARTER: Over 50%, that's 10 right. 11 THE COMMISSIONER: 12 Ferguson, I might just add something, Mr. Horte gave 13 evidence last week at Yellowknife and explained this, 14 and as I understood his explanation -- Mr. Carter can 15 correct me if I didn't appreciate it this project costs 16 about \$7 billion. They will borrow 5,6 billion and the 17 other 1.4 billion will be equity capital, that is they 18 will go and ask people to buy shares, so that if the 19 equity capital is 1.4 billion, Canadians will have to 20 buy \$750 million worth of shares. Mr. Horte said that 21 22 if Canadians did, they would control the company. If they didn't, they would only have a minority 23 interest in it. Those are -- that's the arithmetic of 24 25 the thing. 26 Well, do you want to go 27 ahead, Mr. --28 MR. HUSHIN: With respect to the ownership I might say initially that Foothills is 29 presently owned by two Canadian companies, Alberta Gas

 Trunk Line and the Westcoast Transmission Company. At the present time, Alberta Gas Trunk Line owns 80%, while Westcoast owns 20%. The split of the ownership is not indicative of anything in particular except that at this time there are only two partners. We have not been necessarily attempting to have additional partners join us in our project, but should they, the reason we would then divide the ownership into the company so that sometime we hope that it would generally be on a basis of 20% to each company.

Now our project is not one of the largest undertakings ever to be undertaken in the world, either in the pipeline category or anything else. Our total project cost is just about \$4 billion, With is capital outlay we only require some \$444 million in equity, which we believe is the type of a manageable project both from financing and construction that cane be handled by Canadians in its entirety. It is our intention naturally to have complete Canadian equity in our project when we reach the financing stage.

I would like to read just one -- one of my colleagues, Mr. Burrell, has pointed out to me about northern equity ownership in the pipeline. Our policy states that:

"The pipeline system proposed by the applicant will be located entirely within the Northwest Territories, and the applicant is committed to the principle that the people of the Northwest Territories will have the right to purchase equity ownership in this pipeline project on attractive

terms," 1 2 The second -- should I go on 3 with the community? Gas communities? THE COMMISSIONER: 4 Yes, 5 certainly. MR. HUSHIN: With respect, I 6 think you are all aware of Foothills intention with 7 respect to gas to communities. Sometime ago at a 8 meeting in Yellowknife our president, Mr. Blair, stated 9 the policy that Foothills would endeavor and undertake 10 to do the survey work, the engineering work, and all 11 work associated with the addition to the project of 12 facilities in order to serve the communities, knowing 13 full well at the time that many of these in the normal 14 sense of a utility project, would be totally 15 uneconomical. It was decided at that time that the cost 16 of these facilities would be rolled into our project. 17 At the present time it is our 18 19 intention to serve some 11 communities along the Mackenzie Valley and some around the western arm of the 20 Great Slave Lake, We have added and included in our 21 22 capital cost the capital cost of which, portion in the Northwest Territories, is 2,3 billion 23 dollars, and that includes \$60 million allowed for the 24 25 cost of gas service to the communities. I would like to have Mr. Burrell 26 just add one more point to this, while we're on the subject. 27 Sometime ago we were invited to come to Hay River and meet 28 with the council, which we were very glad to do and 29 appreciative of the offer. We so did and at that time we

stated a second policy with respect to gas to communities, that at that time with respect to the price of gas, we said that we would do our very best to arrange to have gas to the Community of Hay River at a cost that was competitive with the cost of fuel oil.

I might add that that wasn't received in the manner we had expected. It may have gone over like a lead balloon, you might say.

However, since that time we have taken some further steps and I think just in order to clarify this particular point which seems to be confusing to some of the people that we've been talking to around town, if Mr. Burrell would add a statement that you read the other day.

MR. BURRELL: When we were talking to the Town Council, as Mr. Hushin said, we were our general policy position was that we would provide gas to the communities at prices which were competitive with alternative fuel. We did say that that was a general position, and that we were in the process of developing something more definitive.

Yesterday afternoon we had the opportunity at this Inquiry to state a more definitive position, and unfortunately, I think, some people that spoke later in the day yesterday did not have an opportunity to hear what we had to say, so I wonder if I could perhaps not state the whole policy because its a matter of record, but perhaps I could quickly state what the effect of our policy will be on the pricing of

gas to Hay River. 1 It's basically this, that the 2 cost of gas delivered to the town gate of Hay River 3 will be deemed to be the same price as the gas at the 4 terminus of the Foothills Pipeline, which is the 60th 5 Parallel, although I think one must realize that the 6 7 actual fair share cost of that will be considerably higher than that. In other words, the gas to the town 8 gate of Hay River will be the same price as the gas 9 which Foothills delivers to Trunk Line and Westcoast, 10 which are the two connecting pipelines that Foothills 11 12 joins with. As I stated yesterday, the 13 pricing arrangement, this pricing arrangement would 14 apply only to the gas used for residential and 15 commercial purposes, and for as used in the generation 16 of electricity to service these two categories of 17 customers A special rate would be developed for 18 industrial customers as the industrial customers 19 develop, and the reason for this is that each 20 industrial customer's load will likely vary, and there 21 22 may be a need in some cases to add additional facilities in order to serve the potential customers, 23 We would want to know what is involved before the rate 24 structure is established. 25 With respect to the cost of 26 gas to residential and commercial customers, with the 27 policy position that weave taken, we've estimated that 28 the cost of gas to Hay River to the consumers of Hay 29

River will be approximately 50 to 60% of what we

forecast will be the cost of fuel oils So we consider 1 that to be quite competitive with the alternative fuel, 2 3 50 to 60%, actually. THE COMMISSIONER: 4 follow up on that, Mr. Ferguson? You're saying you 5 would charge people in Hay River for natural gas 50 to 6 7 60% of what they now pay for fuel oil, and I'm glad you brought this up, Mr. Ferguson, because that makes it a 8 lot clearer than it was yesterday. 9 What -- so that a person who 10 wants to heat his house with natural gas in Hay River 11 would get it at that 50 to 60% rate of conventional 12 cost of conventional fuels and you said commercial, I 13 take it that means a man running a hardware store, 14 something of that sort? 15 16 MR. BURRELL: Yes. 17 THE COMMISSIONER: But industrial users, you mean Giant mines or Pine Point, 18 that sort of thing? They would pay what you call a 19 20 special rates MR. BURRELL: Well, we would 21 22 have to develop what we consider -- or we would have to look at a special rate because depending upon the load 23 we wouldn't know what additional facilities might be 24 required to add to that in order to provide the gas 25 service it requires, so weed have to look at --26 27 THE COMMISSIONER: I think they know what a special rate is. 28 29 MR. BURRELL: I wanted to clarify this 50 to 60%. As we said yesterday, we are

in the transportation of gas and not we don't have any 1 involvement with the gas processing or the producing or 2 the distributing, and the price that we've developed, 3 for the purpose of this comparison we've assumed that 4 the cost of gas, as I said yesterday, at the plant 5 would be a dollar, and that the cost of distributing 6 the gas would be about \$1.50, and we've developed these 7 costs of distributing gas based upon estimates that 8 were provided to us by people that are in the gas 9 distribution business, they design, build and operate 10 gas distribution systems. The prices, I might add, the 11 prices that we're looking at are in the mid eighties. 12 13 Α My next question actually covered that. I was going to ask you how much 14 the gas would cost. You've answered it, Mr. Burrell, 15 and I don't suppose Arctic Gas will want to mention 16 anything else, as they're not considering putting in 17 gas lines into communities. 18 19 THE COMMISSIONER: They say --Not as part of initial 20 Α 21 capitalization, not as part of their original plan 22 unless by -- if I'm correct --23 THE COMMISSIONER: They say that if that's what is finally decided they will go 24 25 along with it. At any rate, carry on. I shouldn't be interrupting 26 27 Α Do you propose to sell Canadian-produced gas to foreign markets? 28 29 MR. HUSHIN: Our project is only considering the movement of Canadian gas from the

Mackenzie Delta-Beaufort Basin area to serve Canadian markets, both east and west in Canada, and of course in the communities along the way. Our project is also scaled so that in the initial years the volume that we are transporting comes very close to matching the Canadian requirements at that particular time. So there is no intent on our part for any movement of gas to the United States or other foreign outlets.

MR. CARTER: Arctic Gas policy is to transport Canadian Gas to Canadian markets only, and American gas to American markets, so that there is no transportation of Canadian gas to American markets.

A I would like -- is this during all stages of the pipeline, following pipeline construction, or is there going to be a trade between the prices, could it possibly be that Canadian gas would be put into the line first and later on American gas would flow into the line maybe a year or two later and then that gas would be sent to Canadian markets?

MR. CARTER: This proposal has been suggested but as I recall, the question was put to Mr. Horte last week and he said that the present plans were not to go that way, and that Canadian gas would only go to Canadian markets at any time, even in the first year.

A One more question. What percentage of labor, materials, and manufactured goods of construction companies will be Canadian? I imagine that's a rather difficult question to answer, but I

would just like to get a ball park figure. 1 THE COMMISSIONER: 2 Well, you're saying that for instance the pipe, will it be 3 manufactured in Canada, and you're saying the 4 construction companies, will they be Canadian companies 5 or other companies, is that essentially what you're 6 7 after? A Right. 8 MR. HUSHIN: Well, as far as 9 Foothills is concerned, our overall Canadian content is 10 about 86%, which is about as high a content as you can 11 achieve. I think I stated the other day that our pipe, 12 because of its size, its diameter, and its wall 13 thickness, can be produced totally in Canada, which 14 adds to our Canadian content considerably. It can be 15 produced by numerous mills, all the large diameter 16 17 mills in Canada As far as the contractors are 18 19 concerned, we believe that there are sufficient pipeline spreads in Canada and will be at the time of 20 constructions to have those be all Canadian, and it is 21 22 our intent as much as possible, as you know we are sometimes called the Maple Leaf Project, so naturally 23 24 we would be striving to have as much Canadian content as is absolutely possible. 25 MR. CARTER: The present 26 estimate -- and it's only an estimate because of course 27 it ultimately depends upon bidding and what-not, but 28 Arctic Gas' best estimate at the present time is that 29 70% of materials would be obtained by direct Canadian

1	procurement
2	A Does that mean
3	"procurement", that's a pretty big word does that
4	mean that a Canadian company is going to procure the
5	materials from Canada or can they get them from outside
6	our borders?
7	MR. CARTER: I'm not sure how
8	detailed an explanation I can go into
9	A Where is it going to be
10	manufactured?
11	MR. CARTER: at the present
12	time, but our economic advisor here could probably go
13	into it. I don't know whether that's helpful or not.
14	He'd have to be sworn.
15	THE COMMISSIONER: Well, I'm
16	sure it will be helpful and I think that we can go
17	ahead and do that.
18	
19	WAYNE TRUSTEE, sworn:
20	THE WITNESS: My name is Wayne
21	Trustee. On the procurement question, as Mr. Carter
22	mentioned, our estimate is that the procurement from Canadian
23	companies would be at the order of 70%. I might note in that
24	that a large percentage of the pipe is expected to come from
25	Canadian mills, As has been noted else earlier in these
26	hearings, the Stalk Mill in Wetland, Ontario, has the
27	capacity to produce 48-inch pipe to the specifications
28	required, and certainly it's Arctic Gas' intention to take
29	advantage of that. Now the question about to what extent
30	this procurement results in goods or materials being

```
purchased abroad and then brought into Canada, as you are
1
   probably aware for most Canadian industry there is a large
2
   measure of foreign content in goods that are either
3
   fabricated in Canada or in the form of raw materials that are
4
   brought in. We've made some estimates of this, and our
5
   estimates indicate that with all of those kinds of indirect
6
   effects taken into account the Canadian content is still
7
   well in excess of 50%.
8
                              MR. FERGUSON:
9
                                             Thank you.
                                                         Ι
   have a question to Foothills Pipeline. In case there
10
   happens to be a mine open up fairly close to the
11
   pipeline, is it possible to put additional laterals to
12
   that mine, assuming that you're going to have a fairly
13
   active mine over a long period of time?
14
                              MR. HUSHIN: I think we'd have to
15
16
   give something like that a motherhood statement. We'd have
   to know really what the details of the project were in its
17
   entirety, and it may be something beyond the complete
18
   possibility of our accomplishing that. I think the only
19
   thing that we could state is that we would give it as much
20
   consideration as is possible and if there is a way to
21
22
   achieve that, I think it's something that we would carry on
   with our basic philosophy in attempting to provide that gas
23
   with the proviso that it isn't something that is just beyond
24
   the realm of possibility. I think you'd have to know the
25
   quantities, the project, the use and what-not.
26
                                             Thank you.
27
                              MR. FERGUSON:
28
                              THE COMMISSIONER:
                                                 Thank you,
29
   Mr. Ferguson.
30
                              (WITNESS ASIDE)
```

```
MR. CARTER: Mr. Commissioner,
1
2
   the figures that you recited, about the equity finan-
   cing, I may be like you, I understood at the time Mr.
3
   Horte gave them and forgotten except the result of the
4
    1.4 billion and the 700 million being 50%, and Mr.
5
   Trustee has got those and he can give the outline of
6
7
   that.
                              THE COMMISSIONER: Certainly.
8
                                   Well, Mr. Commissioner, just to
9
                              Α
   correct the record on that, of the $7 billion that is the
10
   total project capital cost, 5,6 is required, to be generated
11
   externally. The remaining 1,4 billion will be generated after
12
   gas begins to flow through the transmission revenues received
13
   for flowing that gas.
14
                                   Yes, you're right.
15
                              Q
                                   25% is 1,4.
16
17
                              THE COMMISSIONER:
                              (WITNESS ASIDE)
18
19
                              THE COMMISSIONER: Anyone
   else? Yes, Mrs. Wright?
20
21
22
                              MRS. WRIGHT, resumed:
23
                              THE WITNESS: Is there a charge for
   this gas at the well-head? Could I ask that guestion? Does
24
   the Canadian Government receive some payment
25
   for it, when it comes out of the ground and it's used,
26
   or how is this regulated? I'm just interested.
27
                              THE COMMISSIONER: Mr.
28
             We're relying heavily on you now that it's
29
   Trustee?
    after ten o'clock.
```

1	MR. TRUSTEE: Yes, there is a
2	charge at the well-head for the gas. There is a royalty
3	that is paid to the Canadian Government or whatever
4	government bodies are appropriate on that gas, and
5	then there is a well-head price that ultimately is
6	charged to the consumer.
7	MR. HOLLINGWORTH: Perhaps it
8	would clarify it a bit if it was stated that the
9	Canadian Government owns all the mines and minerals
10	rights in the Northwest Territories, and as the owner
11	of this, these minerals, is entitled to the basic
12	royalty on the gas that comes out of the well-head, the
13	producer also getting something for having gone to the
14	trouble of drilling the well and producing the gas.
15	MR. CARTER: Is Mr. Bell here?
16	THE COMMISSIONER: Oh, I must
17	be missing something. Oh, Mr. Bell, yes. Yes, Mr.
18	Lantz?
19	(WITNESS ASIDE)
20	STAN LANTZ, resumed:
21	
22	THE WITNESS: I'd like to ask
23	THE COMMISSIONER: You know,
24	that microphone has been very well placed right behind
25	a pillar so that
26	A I'd like to ask Arctic
27	Gas they just said a few minutes ago that they would
28	not be transporting Canadian gas to American markets.
29	It's my understanding that the gas is needed at Prudhoe
30	Bay to withdraw the oil that they have in the reserves

```
there, as part of the process. I'm not an engineer but
1
    it seems to me that this is essential to their to
2
   getting the oil out of the reserve, and that this
3
   natural gas would have to be left in with the reserve
4
   for a number of years until the major portion of the
5
   gas were removed. Is that correct?
6
7
                              MR. WILLIAMS: I'm not sure of
   the question.
8
                              THE COMMISSIONER:
9
                                                Excuse me
   a minute. I think we'll just stop for about five minute
10
   I have to give the official reporter a break because he
11
   has the toughest job of any of us, and we'll just let
12
   Mr. Carter and his colleagues think about that for a
13
   minute. We'll just stop for five minutes and stretch
14
   our legs and then we'll resume and we'll resume with
15
   your question, don't worry, Mr. Lantz.
16
17
    (PROCEEDINGS ADJOURNED AT 10:10 P.M.)
    (PROCEEDINGS RESUMED AT 10:20 P.M.)
18
19
                              THE COMMISSIONER:
   we'll come to order again, Mr. Waddell, and let Mr.
20
   Lantz ask his questions of Arctic Gas and Foothills.
21
22
                              Go ahead again, Mr. Lantz.
23
                                   My question is: Is the
24
   gas at Prudhoe Bay necessary to be left in
25
   its present state in order to extract the oil which is
   there?
26
                              MR. CARTER: Ill defer to an
27
28
   engineer on that.
29
                              Α
                                   The pressure in order to
   take the oil out of the reserve.
```

MR. WILLIAMS: Unfortunately, 1 2 none of us here are reservoir engineers. However, I'll try my best at an explanation. 3 Gas at Prudhoe Bay and 4 several other areas in the world appears in more than 5 one manner. In the oil field at Prudhoe Bay there is 6 gas in solution with the oil. There is probably a gas 7 cap over the oil formation. In addition to that, 8 there are straight gas wells at Prudhoe Bay, a 9 relatively dry gas field. 10 Now before a line, a gas line 11 gets to the Prudhoe Bay field, there will be oil being 12 produced for the Alyeska system, and gas will be 13 produced in solution with that oil. In the initial 14 period the producers on the North Slope of Alaska will 15 reinject that oil into the formation, that is back down 16 into the formation that it came from. There is an 17 economic limit that this procedure can be carried out, 18 and a gas pipeline from the area will be necessary to 19 take -- carry that gas that is in solution. You cant 20 keep reinjecting it economically for an indefinite 21 22 period. In addition to that, there will be gas available from the relatively dry gas field areas. 23 Will that be enough gas 24 Α to keep the pipeline going? I mean if you're going to 25 have a 48-inch pipeline pumping trillions of cubic feet 26 of gas, how much, what percentage will be coming from 27 Prudhoe Bay in the beginning, and what percentage will 28 be coming from the delta? 29 30 MR. WILLIAMS: The quantities

the delta?

30

as shown in the application suggest that in the third 1 year of operation there would be 21/4 billion cubic 2 feet per day flowing from Alaska and 11/4 from the 3 delta. The fifth year projections, I think, get up to 4 21/2 from each area 5 Well, this -- the latter 6 figure that will be shipped from the delta, is that 7 going to be used in Canada? I mean it seems to me that 8 the ratio there would be 2 to I and isn't the United 9 States going to be the major buyer of that gas? I can't 10 see Canada buying one trillion cubic feet of gas to 11 every two that the United States buys. 12 MR. WILLIAMS: The studies 13 done by Canadian Arctic Gas indicate that there will be 14 a market in Canada for the gas coming from the delta. I 15 should add, though, that the volume coming from Prudhoe 16 17 Bay is a very small percentage of the total gas consumption in the United States. 18 19 Α What you're saying in effect then is that the Canadian gas from the delta 20 will be shipped then to United States. 21 22 MR. WILLIAMS: No sir, I don't think I said that. I said that the projections, 23 the studies done by Canadian Arctic Gas indicate that 24 there will be a market for the gas produced from the 25 Mackenzie Delta. 26 O.K., there will be a 27 Α market, but what will that — will that market be large 28 29 enough to buy all of the gas which will be shipped from

1	MR. WILLIAMS: It is my
2	understanding, sir, that that is correct.
3	MR. LANTZ: That's all the
4	questions I have.
5	THE COMMISSIONER: Thank you,
6	Mr. Lantz.
7	(WITNESS ASIDE)
8	THE COMMISSIONER: Well,
9	anyone else? Yes sir. Come forward, sir, if you wish.
10	Well, lets swear you in.
11	
12	JACK WALKER sworn:
13	THE WITNESS: My name is Jack
14	Walker, First off I'd like to say that the talk Mr.
15	Tetrault gave earlier covered things quite well, as far
16	as I'm concerned, Speaking for myself, I would like to
17	see the pipeline go through. I'd like see as much of
18	the business done in the Territories as possible, but
19	I'm quite fearful that a lot of the business that could
20	be done in the Territories by people such as myself
21	will be lost to other southern people, southern
22	contractors and business men, for the simple reason
23	that right now we cannot get funding if we need it.
24	Maybe it's lucky, maybe it's good management, but I
25	hope it's the second. I haven't
26	needed any to date,, but if I did I'm quite sure it would
27	be very hard to come by. Its been said that the
28	Industrial Development Bank and other lending
29	institutions do lend money but to people that already
30	have enough. People such as myself that would need

capital for expansion, would have a hard time coming by 1 it. Now I think that there can be provision made by the 2 government, Territorial or Federal Government, for help 3 for people such as myself. 4 There's been here in Hay 5 River many people sent in by other companies, by 6 companies from the south to do work that can be done in 7 Hay River by -- I'm speaking for myself and for my 8 company that can be done better, I feel, by my company 9 and by my employees here. The reason that they're sent 10 in, I'm just not quite certain, whether there isn't 11 trust in the ability of northern residents, or exactly 12 what it is; but if there could be some provision at 13 least put to the government, to see that small 14 businesses in the Territories are looked after. The 15 pipeline and the following completion of the pipeline 16 will be very worthwhile to all northern residents. 17 Failing this, there is going to be many of the 18 residents that do in fact get passed right by. 19 I also say that Hay River and 20 21 all the other settlements in the Territories that the pipeline will affect should be provided with gas at a 22 very reasonable price, very reasonable cost to us, even 23 less than that of say, Edmonton-Calgary area, for the 24 simple reason that the gas does belong to the 25 Northwest Territories. We're not a province, but some 26 day we will be and you might be fighting the same sort 27 of battle with us as you're fighting with many other 28 groups. We're a minority group and we will be a 29

minority group for quite a while, but you might find

yourself fighting the same battle over who owns the gas 1 2 and the land, with the combined Territories, not separate groups. Then you might be in trouble. Really 3 that's all I have to say. I'm not used to speaking in 4 front of a bunch of people, I'm quivering here a 5 little bit, so I think I'll just get up and leave. 6 THE COMMISSIONER: 7 You've 8 done very well, sir. Thank you very much. (WITNESS ASIDE) 9 10 THE COMMISSIONER: Well, anyone else? Well, I think then we'll adjourn. I want 11 to thank you all for coming yesterday and today, and I 12 certainly appreciate the time and trouble you've taken 13 to think about these things and to bring your views 14 forward here. I really am grateful to all of you. 15 We will be adjourning then until tomorrow and tomorrow we 16 will start our hearing at 1:30 in the afternoon at the 17 New Indian Village, and we will hold our hearing at the 18 New Indian Village tomorrow afternoon at 1:30 in the New 19 School Building, which I understand is next to the Commu-20 nity Hall, So we are going to see some of you there, 21 we'll look forward to that, and let me again thank you 22 all for coming yesterday and today to our meeting here in 23 the Legion Hall, So thank you again, and I'm afraid I 24 can't offer you any coffee tonight. 25 26 27 28 29 30