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P U B L I C   H E A R I N G

Re: The Niagara Falls Storage Site  
Draft Environmental Impact Statement

Meeting held at the Main Auditorium,  
Federal Building, Richland, Washington,

on

Monday, September 24, 1984,

at

7:30 p.m.

Moderator: Ms. Judy Tokarz, Department of Energy

Panel Members: Mr. Lowell Campbell, Department of Energy  
Mrs. Pamela Merry-Libby, Argonne National Laboratory

September 24, 1984

Richland, Washington

P R O C E E D I N G S

MS. TOKARZ: Good evening. My name is Judy Tokarz. I am a senior external affairs specialist for the U. S. Department of Energy's Richland Operations Office. I will be Moderator for this public hearing in connection with the Draft Environmental Impact Statement of long-term management of radioactive wastes and residues at the Niagara Falls Storage Site.

This public hearing is being convened on September 24, 1984, at 7:30 p.m. at the Federal Building in Richland, Washington.

We appreciate each of you taking the time to come and join us this evening.

The Draft Environmental Impact Statement which is the subject of this public hearing assesses the environmental impacts of various alternative wastes and residues now stored at the Niagara Falls Storage Site near Lewiston, New York. Among the alternatives being considered are to ship the materials to the DOE Hanford Site for long-term storage. Although ongoing interim remedial actions have been taken at the New York storage site to improve containment of the wastes and residues, DOE must decide how to manage these radioactive wastes

1           for the long term.

2           Under the National Environmental Policy Act, the  
3           U. S. Department of Energy is required to consider the  
4           impacts of its proposed action on the quality of the  
5           environment.

6           On October 19, 1983, a public scoping meeting was  
7           held in Oak Ridge to obtain public comment and suggestions  
8           on topics or concerns which should be considered in  
9           preparing a draft environmental impact statement. A  
10          draft environmental impact statement is subject to review  
11          or comment by appropriate Federal, state and local  
12          environmental agencies and the public. Copies of the  
13          Draft Environmental Impact Statement have been distributed  
14          to Federal, state and local agencies and to various  
15          organizations in New York, Tennessee and Washington  
16          states.

17          To assist in obtaining comments, DOE has conducted  
18          public hearings in Lewiston, New York and Oak Ridge,  
19          Tennessee and is conducting this public meeting in  
20          Richland. After such comments are received, a final  
21          impact statement will be prepared which will consider  
22          comments received on the Draft and indicate how any  
23          significant issues raised during the review process have  
24          been resolved. All comments made at this hearing plus  
25          any written statements received by DOE by October 9,

1 1984, will appear in the transcript. Written and oral  
2 comments will receive equal consideration.

3 Copies of the Draft Environmental Impact Statement  
4 have been placed in the Public Library in Richland and  
5 the public reading room in the Hanford Science Center.  
6 Copies of the transcript of this public hearing will  
7 be available at these same locations.

8 Persons wishing to make comments at this hearing  
9 were invited to register in advance. Persons who have  
10 not submitted a written request in advance may register  
11 at the desk at the entrance of this auditorium. Each  
12 speaker will be given 15 minutes to give their comments.  
13 Copies of the Draft Environmental Impact Statement are  
14 available at the -- are available at the sign-up desk.

15 You may also indicate on the registration sheet  
16 at the sign-up desk if you would like to receive a copy  
17 of the final Environmental Impact Statement.

18 I would like to state again that the purpose of  
19 this public hearing is to receive public comments on  
20 the Draft Environmental Impact Statement prepared for  
21 the long-term management of radioactive wastes and  
22 residues at the Niagara Falls Storage Site. The hearing  
23 will not be conducted as an evidentiary hearing, and  
24 those who choose to make statements will not be  
25 questioned except as needed by the Moderator for

1 clarification.

2 We are not here today to explain or justify the  
3 Draft Environmental Impact Statement but to see that  
4 everyone who wishes to comment has an opportunity to  
5 do so in an atmosphere that encourages maximum public  
6 participation.

7 I will now introduce the members of our panel.  
8 They are Mr. Lowell Campbell, Deputy Director of  
9 Technical Services Division at the Department of Energy,  
10 Oak Ridge Operations Office, and Mrs. Pamela Merry-Libby,  
11 Niagara Falls Storage Site Project Leader for the Argonne  
12 National Laboratory.

13 Mr. Campbell will present a brief description of  
14 the Niagara Falls Storage Site, and then Mrs. Libby,  
15 Merry-Libby will provide a review of the national  
16 Environmental Policy Act. I will then call the members  
17 of the public who have registered to speak in the order  
18 in which they have signed up.

19 MR. CAMPBELL: Good evening, ladies and gentlemen.  
20 I'd like to give you a brief summary of the Niagara Falls  
21 Storage Site Project. I'd like to cover the purpose  
22 of the Environmental Impact Statement, the background  
23 of the project, the Department of Energy's long-range  
24 plans, and finally, the alternatives that the Department  
25 of Energy considered.

1           The purpose of the National Environmental Policy  
2       Act is to ensure that environmental factors are included  
3       in Federal government's decision-making process.    The  
4       purpose of doing the Environmental Impact Statement for  
5       the Niagara Falls Storage Site is to evaluate environmental  
6       impacts of options for long-term management of the waste  
7       at the Niagara Falls Storage Site and to provide a basis  
8       for judgment concerning environmental advantages and  
9       disadvantages of options for the final record of  
10      decision.

11           DOE decision-making process for the Niagara Falls  
12      Storage Facility Site, in the beginning we decided that  
13      an environmental impact statement was needed.    We then  
14      published a Notice of Intent in the Federal Register.  
15      We did that in February of last year.

16           Then we went to the scoping process which also  
17      started with a public meeting in February, and then we  
18      had another public meeting in October of 1983, and then  
19      we obtained written comments and oral comments during  
20      this scoping process which brings us to today.

21           We have published a Draft Environmental Impact  
22      Statement.    We are having public review and comments,  
23      meetings which are public hearings.    We have had one  
24      at the Niagara Falls Storage Site in Lewiston, New York.  
25      We had one in Oak Ridge, Tennessee, and we are having

1 a third one here tonight.

2 We have approximately 45 days for public review  
3 and comment, and then we will publish a final environ-  
4 mental impact statement, and right now we are scheduled  
5 to do that by the end of this year.

6 Again, we will have a public review period, have  
7 another 30 days for the review. We will obtain other  
8 input from other agencies in the government and the  
9 states. We will hopefully have a record of decision  
10 early next year.

11 Once we have a record of decision, we will proceed  
12 with the chosen alternative through the detailed design  
13 and engineering, and then we will follow it with the  
14 remedial action.

15 Very briefly, I'd like to give you some background  
16 of the Niagara Falls Storage Site. It's about a ~~million~~  
17 190 acre DOE-owned site which is fenced with limited  
18 access, and it's part of a former 1500 acre Manhattan  
19 Engineering District Site which was part of the former  
20 Lake Ontario Works -- Excuse me, the former Lake Ontario  
21 Ordinance Works.

22 Starting back in 1944, the site was used for storage  
23 of residues which resulted from processing uranium ores.  
24 The Federal government now owns these wastes and residues  
25 stored at the Niagara Falls Storage Site. There is

1 approximately 15,000 cubic yards of residue stored at  
2 Niagara Falls, and approximately 240,000 cubic yards of  
3 waste stored at the Niagara Falls Storage Site.

4 This just shows the location of the site. It's  
5 near Lewiston, New York, and we have designated Niagara  
6 Falls Storage Site. Next diagram, please.

7 This is to give you an indication, after we have  
8 done the interim remedial action, to obtain control of  
9 the site, we have a waste containment area. All the  
10 waste and residues will be stored in this waste  
11 containment area as you can see on this site.

12 To repeat, our long-term plans are to complete the  
13 Environmental Impact Statement. The Department of  
14 Energy then would make a record of decision. We would  
15 prepare a detailed design and engineering for the  
16 selected alternative, and then we would accomplish the  
17 remedial action. Next diagram.

18 We have essentially looked at four alternatives.  
19 The first alternative is no action alternative which  
20 is when we have done the interim cleanup and store it  
21 in the dike-kept containment area. We would simply  
22 maintain and provide surveillance and maintenance.

23 The second alternative is simply to upgrade the  
24 containment for long-term storage with either the  
25 residues as they are or modified form of the residues.



1           The third alternative is one that we want to talk  
2           about here tonight.   The residues and wastes could be  
3           moved to Richland.   The residues and wastes could be  
4           moved to Oak Ridge, Tennessee.

5           And the fourth alternative which is a subset of  
6           this alternative would be only move the residues to  
7           Richland, Washington or Oak Ridge, Tennessee and leave  
8           the waste at the Niagra Falls Storage Site or dispose  
9           of the wastes in the ocean.

10          Could we see the diagram that shows the location?  
11          This is the location of the alternative we are looking  
12          at here at the Hanford in the 200 area.

13          Now, Ms. Merry-Libby will give you a summary of  
14          the analysis of the Draft Environmental Impact Statement.

15          MRS. MERRY-LIBBY:   Hi.   I am Pamela Merry-Libby,  
16          and I am from Argonne National Laboratory.   We were  
17          a contractor -- are a contractor to the Department of  
18          Energy.   We provided the technical analyses done during  
19          the Environmental Statement.

20          Before I get into too much detail, I want to  
21          emphasize, there is two kinds of materials at the site.  
22          The residues are a much more radioactive than wastes.  
23          These are the residues from the pitch-blend ores, and  
24          they have like an average radium concentration of about  
25          67,000 ppm per gram whereas the wastes are simply

1 slightly contaminated soils that have been dug out of  
2 ditches and from nearby properties and are piled up  
3 essentially on top of the residues -- on top. The  
4 residues are a very small percentage of the volume but  
5 represent most of the radioactivity at the site.

6 The conceptual design for this interim storage,  
7 no-action alternative is shown in this figure. The  
8 cap on this, for this design basically you will notice  
9 there is a .9 meters, three foot layer of clay. Now,  
10 in the Environmental Statement, a key section is Section  
11 2. That is what is called the heart of the EIS. This  
12 is the comparison of alternatives, and this is the  
13 summary of all the major impacts that we analyzed, and  
14 in a form that compares one alternative to the other.

15 Of course, there is a lot more detail of the  
16 affected environment on each of the three sites, at most  
17 of the sites, and there is great detail on each of the  
18 different subject matters in terms of environmental  
19 consequences as risks, and also in the appendices there  
20 is even more detail on engineering, transportation,  
21 things like that.

22 A quick review of the alternatives. Alternative  
23 3-A is where both waste and residues would be brought  
24 to Hanford. 4-A and 4-B is where the residues only  
25 would be brought to Hanford.

1           To bring everything to Hanford, the residues would  
2           have to be packaged. They have to have packaging, and  
3           some of them maybe even shielding in order to protect  
4           the public and the workers handling and transporting  
5           the residues. The wastes, however, are not even  
6           considered radioactive under the transportation regula-  
7           tions, and they would be shipped in bulk.

8           For our analysis, we assumed bulk on large dump  
9           trucks. However, we also looked at various options  
10          that included train transport all or part of the way.

11          When they were brought to the Hanford Site -- well,  
12          first of all, it would be a long way to come out here.  
13          That's shown in this slide. The burial area that was  
14          used for analysis is an extension of an existing waste  
15          management area on the Hanford Site. We call it the  
16          218 West 5 area which is just off of the 200 West area.

17          The method of burial would be similar to the  
18          practices that are currently used at the site. One  
19          additional note is the layer of rock, this riprap layer,  
20          this was also assumed for the conceptual designs for  
21          the long-term management at Niagara Falls with the  
22          improved type cap and also for the alternative at  
23          Oak Ridge. Basically this is a layer to inhibit  
24          intrusion by people, plants, animals down into the  
25          contaminated materials.

1           The fourth alternatives, quick review, where the  
2 waste would either remain at Niagara Falls or be taken  
3 to an ocean disposal site off the coast of New Jersey  
4 and the residues would be packaged, transported and then  
5 brought to Hanford or Oak Ridge.

6           Now, we had to do the analysis and break up the  
7 time frame because what could be one alternative could  
8 be worse than another if you looked at simply the impacts  
9 of digging it up, transporting it, reburying it and then  
10 it could flip-flop and look different if you looked at  
11 potential long-term impacts such as contamination of  
12 ground water or potential loss of containment, so we  
13 looked at an action period of roughly about ten years,  
14 what we call the maintenance and monitoring period.

15           Now, this is based on EPA mill tailings regulations  
16 which state that for these types of materials, that is,  
17 materials that are contaminated with naturally occurring  
18 radionuclides, you should have containment for at least  
19 200 years to the extent reasonably practical for --  
20 reasonably achievable -- I can't remember which, for  
21 another 800 years up to a 1000 years, and of course,  
22 one had the question, well, what if -- what happens  
23 beyond that, and we said well, what happens if you have  
24 loss of all controls such as you don't monitor; you don't  
25 maintain; you don't even control the land use, then what

1 if you simply had a partial loss of controls where you  
2 still controlled the land, but you didn't let severe  
3 erosive use of that land, but you didn't necessarily  
4 maintain the cap or monitor the ground water. All right.

5 I apologize for some of these. They are hard to  
6 read, but if you happened to notice when you came up,  
7 you can pick up a copy of these slides out on the desk  
8 in the lobby.

9 I have underlined those alternatives where the  
10 materials would be brought to Hanford. This is  
11 non-radiologic health impact. They are primarily  
12 associated with transporting the waste. This is  
13 injuries and death both to the people that are driving  
14 the vehicles and to members of the public who are  
15 involved in the accidents. Clearly, if you bring all  
16 the materials out to Hanford, you can have up to, say,  
17 four deaths and 66 injuries. This is based on highway  
18 statistics.

19 If you bring the residues, you lower that by about  
20 10 percent -- to about 10 percent because you are just  
21 simply not transporting as much material.

22 The occupational injuries and deaths can also be  
23 very high if you have to move all the materials, up to,  
24 say, 100 injuries, and this is just based on the specific  
25 activities that people would be involved in and some

1 statistical information on the kinds of injury rates  
2 you could expect for those kinds of occupations.

3 One of the key impacts we looked at was radiological  
4 impacts. Of course, we had to look at various pathways  
5 to man, how things could be released, where, what kinds  
6 of exposures you could get, what devastations you could  
7 have to people and then translate that into health  
8 effects, and of course, we were concerned about both  
9 the general public and workers, and within the general  
10 public, individuals who could receive higher doses as  
11 well as a general population dose, and of course, we  
12 had to look at all sites, transportation routes, and  
13 we had to look at all three time periods.

14 Now, in the action period, and these impacts, if  
15 you look, are much higher than the long-term impacts  
16 for several hundred years, and this is primarily a result  
17 of moving the residues, particularly because that's where  
18 most of the activity is. Any of those alternatives  
19 whereby you removed the materials from the Niagara Falls  
20 Site to the Hanford Site, you can have some expectation  
21 of risk of fatal cancer and genetic defects, but it's  
22 all very, very low.

23 One of the long-term considerations, of course,  
24 is loss of control, and one way to lose control is to  
25 have that cap of materials removed. We looked at two

1 extremes of land use. These turned out to be the two  
2 primary factors that will control this radiological loss.  
3 There is others that we discussed as well, and we assumed  
4 -- It's agricultural for Hanford. That's just a generic  
5 term. Actually, we assumed intensive grazing out here  
6 and natural vegetation. It doesn't make much  
7 difference. You have much higher erosion rates out  
8 here than you do out East, but at any rate, the cap would  
9 last at least that 1000 years that the EPA regulations  
10 state.

11 A key pathway to people from this material is the  
12 radon gas that is emitted, and at Hanford, because of  
13 the dryer climate, the materials allow radon gas to pass  
14 through more easily, and therefore, for all the Hanford  
15 alternatives, you clearly have a much higher release  
16 rate of this radon gas, and if you lose control, when  
17 you start eroding that cap, you can really start  
18 increasing the radon emission rates.

19 Now, just as a point in time, we looked at radio-  
20 logical impacts in terms of cases per million persons  
21 per year at the year 1000. We don't know what the  
22 relative populations at these sites will be a 1000 years  
23 from now, so we just took a million people and placed  
24 them around the sites and looked at comparative bases.

25 If you had equal populations at all those sites,

1 at Hanford, because of a higher radon release, you have  
2 a higher impact, but it is still a very low impact, and  
3 particularly low when you consider the health effects  
4 one might expect simply because of natural radiation.

5 Another consideration was contamination of ground  
6 water, particularly at the two humid sites. At Hanford,  
7 this is not a problem. We put a theoretical well right  
8 on site next to the contaminated areas and did a  
9 dispersion analysis, and at that year 1000, that key  
10 point in terms of the mill tailings regulations, there  
11 still was not any contamination in that well, and it  
12 took 35,000 years to reach maximum concentration. This  
13 was for radium 226.

14 We looked at several other impacts such as a  
15 resident intruder. This was a scenario whereby it was  
16 assumed that a person built a house on top of these  
17 materials when you lost control some day and had a  
18 garden, drank the water, and clearly wherever the  
19 residues are, this person would receive a very high dose.

20 Various site integrity considerations such as  
21 flooding, and out here particularly the severe erosion  
22 and drought, slope and cover failure wasn't so much of  
23 a problem out here because you use the trench design  
24 rather than the mounded design, ecological impacts such  
25 as effects of plant roots and animal contamination, and



1 for instance, then we thought well, because you have  
2 a dry climate, the plant and animal species are adapted  
3 to those conditions and tend to go deep, and therefore,  
4 you have almost as much problem here in the long term  
5 as you would out east in the humid climate.

6 Other impacts such as impacts on marine environment,  
7 and of course, the key thing here was how much of this  
8 material could get in fish and man could possibly ingest  
9 it. Basically, it boiled down to, because of the  
10 location of this disposal site, in an area that there  
11 is not very many fish, and using even a hypothetical  
12 case, if one of those fish swims back to New York where  
13 there is commerical fishing and a person eats it, it  
14 simply raises the radium content in that fish .000-some  
15 percent above what's already in that fish naturally.

16 Socioeconomic impacts, several things, including,  
17 I would point out historic culture resources, the site  
18 at Hanford would probably have to be looked at in terms  
19 of potential historic resources from old Indian cultures.

20 Institutionals, this is just a generic areas such  
21 as regulation. Right now, for instance, you can't  
22 really dispose of the stuff in the ocean, and those  
23 regulations would have to be forthcoming. You would  
24 have to have some Congressional action, for instance,  
25 in order to get funding to do any of these alternatives.

1           We also looked at other options, different ways  
2 of retrieving packaging, loading the material, modifying  
3 the different -- modifying the residues so they wouldn't  
4 be as -- the radon emission rates wouldn't be as high  
5 and they wouldn't be as leachable. Different  
6 containment options, basic modification to designs,  
7 we looked at as well as completely different kinds of  
8 designs.

9           I mentioned before transportation modes such as  
10 train, and of course, different transportation routes.  
11 Basically the route we used for the analysis was  
12 interstates with the least population along the route  
13 integrated over that distance.

14           Now, all this information, comparison, the different  
15 options, all the different kinds of impacts, the three  
16 different time periods and wherever possible, if we  
17 identified an impact, we tried to identify the potential  
18 measure that the Department could use to try to reduce  
19 that impact, and all this information then will go to  
20 the DOE decision-maker in making a decision on how to  
21 manage these wastes and residues for the long term.

22           That's it.

23           MS. TOKARZ: We have two pre-registered speakers  
24 this evening. One is representing the Hanford Oversight  
25 Committee, and the other, Tri-City Nuclear Industrial

1 Council.

2 Would Mr. Larry Caldwell, representing the Hanford  
3 Oversight Committee, please come forward for comments?

4 MR. CALDWELL: Here (indicating)?

5 MS. TOKARZ: Either place.

6 MR. CALDWELL: Are you the hearing officer  
7 (indicating)? You are the hearing officer (indicating)?

8 MS. TOKARZ: Moderator.

9 MR. CALDWELL: Is this all right? Is this working?

10 I just have a short statement I want to read into  
11 the record and will be forwarding the specific concerns  
12 regarding the Draft of the Environmental Impact Statement  
13 before the closing period of October 9.

14 MRS. MERRY-LIBBY: Is this working (indicating)?

15 MS. TOKARZ: Could we switch microphones?

16 MR. CALDWELL: Is it working now? Okay.

17 I just have a short statement I want to make on  
18 the record, and our group will be forwarding specific  
19 concerns regarding the Draft before the closing date  
20 of October 9.

21 My name is Larry Caldwell, and I reside at Richland,  
22 and I am here tonight representing the Hanford Oversight  
23 Committee. It's an educational non-profit, state-  
24 chartered corporation representing a broad cross section  
25 of the citizens of this region.

1           We are much alarmed by the nuclear programs going  
2           on at Hanford, and we are particularly concerned about  
3           the massive interment and misinterment of nuclear waste  
4           at the Hanford Site.

5           The proposal by DOE to dump additional waste and  
6           residues from the Niagara Falls Storage Site at Hanford  
7           has further alarmed us.

8           The Manhattan Engineering District was not formed  
9           to win the war for Washington state alone. The fruits  
10          of victory over the Axis powers were enjoyed by all of  
11          the states and regions. Therefore, the burdens, we  
12          sincerely believe, should be shared in an equitable  
13          manner.

14          Just because the Reservation is owned by the Federal  
15          government, that is, DOE, and is eagerly receptive to  
16          all things nuclear, does not justify dumping all the  
17          country's nuclear waste at Hanford. There are many,  
18          many sites in the U.S. suitable for long-term storage  
19          of these lethal wastes, and DOE should be actively  
20          hoarding these areas for terminal storage and wastes  
21          similar to materials located at Niagara Falls.

22          The people of the Northwest are tired of acting  
23          as the nation's garbage dump and will not stand for DOE's  
24          de facto designation of Hanford as the nuclear sacrifice  
25          area.

1           We do not want the Niagra Falls wastes or residues.  
2           We want Hanford cleaned up.

3           Thank you.

4           MS. TOKARZ:   Thank you.

5           The next pre-registered commentor is Mr. Robert  
6           Ferguson, President of the Tri-City Nuclear Industrial  
7           Council.

8           MR. FERGUSON:   Thank you, Coordinator?

9           MS. TOKARZ:   Moderator.

10          MR. FERGUSON:   Moderator.   Thank you, Moderator.

11          Members of the panel, before -- I do have a  
12          statement on behalf of the Tri-City Nuclear Industrial  
13          Council, but before I make that statement, for the record,  
14          I would like to comment that I spent about ten years  
15          of my professional career at Argonne National Laboratory  
16          and at ORSORC (phonetically), and I do respect the  
17          integrity of the analysis, but I would suggest that for  
18          the benefit of the public, in presenting some of the  
19          information, for instance, on radon, that you equate  
20          that with the radon that exists in mines in Montana where  
21          people pay to go sit there for some perceived benefit  
22          of health just so the public might have some perspective  
23          of the dose that is calculated and how that does relate  
24          to common doses that people experience in their everyday  
25          living.

1           For the record, my name is Bob Ferguson, and I am  
2           President of the Tri-City Nuclear Industrial Council.  
3           I would like to thank you for the opportunity to comment  
4           on behalf of the Council on the Draft Environmental  
5           Impact Statement, the long-term management of existing  
6           radioactive wastes and residue at the Niagara Falls  
7           Storage Site.

8           The Tri-City Nuclear Industrial Council is an  
9           organization of business, industrial, professional  
10          leaders and organizations dedicated to fostering the  
11          growth, prosperity and a better lifestyle for this  
12          region.

13          For the past 20 years we have been the recognized  
14          leader in the economic development of Hanford and the  
15          Tri-Cities.

16          One of our responsibilities is to work with the  
17          local Department of Energy office on important issues  
18          that affect our community and the nation. We want to  
19          do our full part to carry out the mandate established  
20          by Congress through the Economic Waste Policy Act as  
21          it is clearly in the national interest.

22          We here in the Tri-Cities and in particular the  
23          people of Hanford are working hard to meet our commitment  
24          to that process. However, we don't believe that the  
25          state of Washington should be the disposal site for all

1 radioactive wastes, and therefore, strongly, and I'd  
2 like to reiterate, strongly oppose the transfer of this  
3 waste from the Niagara Falls Storage Site.

4 We feel strongly that other regions, too, should  
5 bear a similar obligation to assume their fair share  
6 of responsibility.

7 Equally pertinent, we believe, is the fact that  
8 of the nine alternatives presented in the Environmental  
9 Impact Statement, the Hanford disposal easily stands  
10 out as the most expensive and impractical. The costs  
11 and logistics are overwhelming. The summary of the  
12 Environmental Impact Statement plainly states this fact.  
13 Transferring the waste to Hanford would require that  
14 16,000 truckloads of for the most part very low level  
15 contaminated dirt be transported nearly 3,000 miles  
16 across the continent over a five year period at a cost  
17 of up to 260 million dollars.

18 With the current concern as great as it is over  
19 reduction of the Federal deficit and the tremendous need  
20 for effective and efficient use of Federal funds, an  
21 expenditure of over a quarter of a billion dollars when  
22 compared to the much smaller costs of other workable  
23 alternatives would be in our opinion a gross insult to  
24 the American taxpayers.

25 To proceed with the alternatives involving Hanford

1 disposal of the Niagara Falls Storage Site wastes and  
2 residues, when these could be readily disposed of in  
3 the vicinity or general region of their present location,  
4 is in our opinion neither intelligent nor in the best  
5 interests of our country.

6 We want to emphasize that our position is not based  
7 on safety concerns. We are confident that the waste  
8 could be safely transported to Hanford for disposal.  
9 However, we do believe that the disposal of radioactive  
10 wastes should be a regionally-shared responsibility and  
11 that the people of the state of Washington have a  
12 legitimate concern that our state will become the sole  
13 disposal site for all radioactive wastes. Accepting  
14 the Hanford alternatives for the Niagara Falls waste could  
15 be a step in our opinion in that direction.

16 We need intelligent funding and planning in order  
17 to maintain the important defense and energy-related  
18 programs at Hanford so that we can do our part to  
19 effectively serve the security and energy needs of the  
20 nation. The limited Hanford waste management resources,  
21 both financially and technically, should continue to  
22 be applied to solving Hanford's problems: Developing  
23 new waste management technology and receiving for  
24 disposal of the wastes for which the Hanford Site is  
25 uniquely qualified by virtue of location, access or



1 special capability. The Niagara Falls Storage Site  
2 wastes and residues do not meet any of these criteria,  
3 and as such, we are totally against the alternatives.

4 I thank you on behalf of the Council for the oppor-  
5 tunity to express to you the position and views of the  
6 Tri-City Nuclear Industrial Council. I am speaking  
7 on behalf of our membership, a true cross section of  
8 the cities of Kennewick, Pasco and Richland, and I assure  
9 you that our track record is quite good on those things  
10 both that we favor and those things that we oppose.

11 Thank you very much.

12 MS. TOKARZ: Thank you.

13 The floor is now open for any additional commentors.

14 We appear not to have any additional commentors  
15 right at this time. We will keep the meeting open until  
16 8:30 in case we should have someone that should arrive  
17 a little later, so we have about 20 minutes.

18 (Recess.)

19 MS. TOKARZ: It is now 8:30. Do we have any other  
20 commentors?


21 The meeting is adjourned. Thank you.

22 (End of proceedings.)  
23  
24  
25

C E R T I F I C A T E

I, VICKIE WHITE, do hereby certify that these proceedings were taken in Stenotypy by me at the time and place aforesaid and were thereafter reduced to typewritten form; that the foregoing is a true and correct transcript of the proceedings therein had.

IN WITNESS WHEREOF, I have affixed my signature this 1st day of October, 1984.

  
Vickie White, Notary Public in  
and for the State of Washington,  
residing in the City of Pasco.

My commission expires December 30, 1987.

## REFERENCES

1. U.S. Department of Energy. "Guidelines for Residual Radioactive Materials at Formerly Utilized Sites Remedial Action Program and Remote Surplus Facilities Management Program Sites," Final Draft, Oak Ridge, TN, November 1984.
2. New York Compilation of Rules and Regulations, Title 6, Chapter 360. "Solid Waste Management Facilities," Section 360.8(c)(12)(i)(e), effective March 9, 1982.
3. Bechtel National, Inc. Waste Containment Design Report for the Niagara Falls Storage Site, Draft, Oak Ridge, TN, June 1984.