

JOHN SPELLMAN  
Governor



NICHOLAS D. LEWIS  
Chairman

STATE OF WASHINGTON

ENERGY FACILITY SITE EVALUATION COUNCIL

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December 1, 1982

WM Record File	101.3
WM Dir.	
WM Dep. Dir.	
WMPI R.M.	WMH
WMHT H.M.	WMH
WMUR	Others
Job C.R.	

Mr. Robert MacDougall  
State Participation Coordinator  
Mail Stop 623 S.S.  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Rob:

We just received the December 6, 1982 agenda from the Department of Energy; I am forwarding it to you as requested. I have also enclosed a copy of the work plan discussed at the November 15, 1982 task force meeting. Please remember this is a draft document which was intended to develop some task force consensus on issues which need to be pursued. Little or no consensus was gained on most of the issues.

We have just contracted Mr. John Gervers of Latir Energy Consultants in New Mexico to assist us in detailing a work plan further. In the interim Dave Stevens, Nick Lewis and I will attempt to put together a short-term strategy to tackle some of the more obvious and less controversial items which need attention.

If I can be of further assistance, please let me know.

Sincerely,

*Brad*

Bradley G. Erlandson  
Assistant to the Chairman

BGE:lm

Encl: 2

WM Record File	WM Project
101.3	WM-10
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PDR WASTE  
WM-10 PDR

## AGENDA

BASALT WASTE ISOLATION PROJECT SITE CHARACTERIZATION REPORT  
BRIEFING TO THE  
STATE OF WASHINGTON HIGH-LEVEL NUCLEAR WASTE MANAGEMENT TASK FORCE  
AT  
ENERGY FACILITY SITE EVALUATION COUNCIL HEARING ROOM  
LACEY, WASHINGTON  
December 6, 1982

### Management Session

10:00 a.m.	Introduction	O. L. Olson
10:15	Purpose and Approach of SCR	R. A. Deju
10:30	Overview of Current Status	D. J. Brown
11:15	Issues and Plans	L. R. Fitch
11:45	Respond to Questions	
12:15 p.m.	Lunch	

### Technical Session

1:15 p.m.	Introduction	L. R. Fitch
1:30	Site Selection Process, Hydrology and Geology	S. M. Price G. C. Evans
2:20	Waste Package and Geochemistry	H. Babad
3:20	Repository Design and Exploratory Shaft Testing	J. H. Marron
4:20	Respond to Questions	
5:00	Adjourn	

TASK \ ACTIVITY LEVEL	TASK FORCE WORK PLAN DECISION MATRIX		
	HIGH	MEDIUM	LOW
(1) TECHNICAL REVIEW A. WASHINGTON STATE B. OTHER STATES			
(2) DISSEMINATION OF INFORMATION			
(3) FEDERAL-STATE RELATIONSHIP			
(4) FEDERAL COOPERATION			
(5) REVIEW OF STATE POLICY			
(6) PUBLIC PARTICIPATION			
(7) REPORTING TO THE GOVERNOR			

# TASK FORCE WORK PLAN DECISION MATRIX

DRAFT

## High Activity Level

### Task

#### 1. TECHNICAL REVIEW

##### A. Washington State

Objective: Analyze the NWTS program in depth. Review NRC and DOE documents, checking equations, theories, and assumptions with appropriate experts

Methodology:

- a) Review the total federal program, beginning with a chapter by chapter analysis of the Site Characterization Report (SCR)
- b) Identify support documents which should be reviewed
- c) Hold extensive consultations between technical experts
- d) Develop a detailed file of pertinent technical questions
- e) Identify critical areas and commission independent studies to be done
- f) Develop an extensive review and consultation process to keep the task force informed
- g) Produce a detailed independent analysis of the issues

Staff/Resource Requirements:

- a) A full-time core technical staff of three to four individuals, plus clerical support would be required
- b) Hire outside consultant experts as required

Schedule: A two to three year long range work plan with major task force and advisory committees involvement one to three times per month

Cost: 200-300 thousand dollars/year

##### B. Other States

Objective: To examine in depth the NWTS program and its relationship to other states; particularly Nevada, Texas, Louisiana, Mississippi, and Utah. With regard to these "companion" states a study of similar depth to those in our own state would be conducted.

Methodology: The same methods employed in Section A, above, would be employed here with regard to other states

Staff/Resource Requirements:

- a) Six to eight additional full-time technical staff would be necessary, plus clerical support
- b) Consultant experts would be hired as required

Schedule: A two to three year period would be required with one to two additional meetings per month

Cost: 400-500 thousand dollars/year

# TASK FORCE WORK PLAN DECISION MATRIX

## Medium Activity Level

### Task

#### 1. TECHNICAL REVIEW

##### A. Washington State

Objective: To attain a general overview of the NWTs program. Concentrate on an in-depth analysis of BWIP documents, but maintaining a broad interest in other NRC and DOE publications

Methodology:

- a) Conduct a review of the federal program using available summary documents
- b) Conduct an in-depth review of BWIP documents beginning with the Site Characterization Report
- c) Identify BWIP support documents which should be reviewed
- d) Hold consultations with BWIP experts
- e) Commission studies in specific areas or on specific issues
- f) Extensive review and consultation with the task force
- g) Produce a summary document on the issues

Staff/Resource Requirements:

- a) A full-time core technical staff of between 2 and 3 individuals would be required, with appropriate clerical assistance
- b) Hire consultant experts for specific technical areas, but attempt to maintain an in-house program

Schedule: A one and one-half to two year program with major task force and advisory committee involvement on the order of twice per month

Cost: 150-250 thousand dollars/year

##### B. Other States

Objective: To attain sufficient familiarity with the NWTs program to understand the possible implications to other states. An extensive information exchange program with Nevada, Texas, Louisiana, Mississippi and Utah

Methodology:

- a) Information of the type described in Section A, above, would be attained from these states when available. Independent analysis would not be undertaken in these states.

Staff/Resource Requirements:

- a) One to two individuals working full-time would be required
- b) A consultant may be necessary to coordinate the effort

Schedule: A one to two year period would be required with an additional task force meeting per month

Cost: 200-400 thousand dollars/year

# TASK FORCE WORK PLAN DECISION MATRIX

## Low Activity Level

### Task

#### 1. TECHNICAL REVIEW

##### A. Washington State

Objective: To gain a general feel for the NWTS program. Concentrate on an analysis of specific issues identified in BWIP documents. Maintain a broad interest in other NRC and DOE publications

Methodology:

- a) Attain a general overview of the NWTS program through briefings and summary documents
- b) Conduct a review of BWIP documents for the purpose of identifying key issues
- c) Hold regular briefings with BWIP personnel
- d) Commission independent studies in areas where doubt exists as to the validity of DOE's work

Staff/Resource Requirements:

- a) A small core staff of 1 or 2 individuals, with appropriate clerical assistance could manage the operation
- b) Hire consultants only under conditions where there is real concern about the validity of the DOE's information

Schedule: A one to one and one-half year program, with a minimum of monthly task force meetings

Cost: 100-150 thousand dollars/year

##### B. Other States

Objective: To maintain some regular form of contact with Nevada, Texas, Louisiana, Mississippi and Utah; to insure we are receiving similar information from federal entities

Methodology:

- a) Summary documents would be gathered on operations in these states where available. No detailed analysis would be undertaken
- b) Informal and formal consultations would be used to assure the task force that uniform information is being received from federal entities

Staff/Resource Requirements: The available staff or members of the task force and its advisory committees would handle this operation.

Schedule: A one to two year period would be required.

Cost: 5-20 thousand dollars/year

# TASK FORCE WORK PLAN DECISION MATRIX

## High Activity Level

### Task

#### 2. DISSEMINATION OF INFORMATION

Objective: Gather and circulate all documents which pertain to both BWIP and the NWTIS program; gather and distribute other pertinent information from agencies such as EPA and the Department of Transportation

#### Methodology:

- a) Develop a major technical resource library, designed to obtain and contain, in a retrievable form, all documents
- b) Development of a staff review process in which summary documents could be produced on all major works
- c) Develop a distribution list for document inventories, critiques, summaries, and full text

#### Staff/Resource Requirements:

- a) A staff of two to three additional technical people would be necessary

Schedule: Continuous throughout the project's life

Cost: 100-150 thousand dollars/year

# TASK FORCE WORK PLAN DECISION MATRIX

## Medium Activity Level

### Task

#### 2. DISSEMINATION OF INFORMATION

Objective: Gather and circulate key documents which pertain to BWIP, and summary documents related to the NWTIS program

#### Methodology:

- a) Develop a resource library, designed to obtain and contain, in a retrievable form, key documents as noted above. Other documents may be obtained for limited circulation
- b) Produce in-house review of BWIP documents considered important to a thorough review
- c) Develop a distribution list for document inventories, summaries, and full text

#### Staff/Resource requirements:

- a) A staff of one to two additional technical people would be necessary

Schedule: Continuous throughout the project's life

Cost: 50-100 thousand dollars/year



## TASK FORCE WORK PLAN DECISION MATRIX

### Low Activity Level

#### Task

#### 2. DISSEMINATION OF INFORMATION

Objective: Gather and circulate key documents which pertain to BWIP, summary documents when available

Methodology:

- a) Maintain selected documents at a central location for storage and distribution
- b) Rely on DOE and NRC personnel to brief the task force and its advisory on lengthy documents
- c) Develop a distribution list for selected documents

Staff/Resource Requirements:

- a) Available staff or one part-time individual could manage this task

Schedule: Continuous throughout project's life

Cost: 25-50 thousand dollars/year

## TASK FORCE WORK PLAN DECISION MATRIX

### High Activity Level

#### Task

#### 3. FEDERAL-STATE RELATIONSHIP

Objective: Federal legislation is not adapted to a continuous exchange of information between federal entities and the state. It is the objective here to develop such appropriate relationships with regard to high-level radioactive waste.

#### Methodology:

- a) Development of a system by which detailed tracking of legislative proposals could take place
- b) Analysis of proposed legislation, policy, and regulations
- c) Develop position papers for review by the Governor and legislative committees
- d) Frequent interface with federal agencies and others, including tracking of congressional hearings and testimony

#### Staff/Resource Requirements:

- a) A minimum of one full-time staff person with clerical back-up would be required
- b) Some involvement of the chairman of the task force and persons from the Governor's office (10% time)

Schedule: Continuous until issues are resolved

Cost: 40-60 thousand dollars per year

## TASK FORCE WORK PLAN DECISION MATRIX

### Medium Activity Level

#### Task

#### 3. FEDERAL-STATE RELATIONSHIP

Objective: To develop an exchange process with federal entities on the high-level waste issue by which the task force will be kept abreast of important legislative proposals

#### Methodology:

- a) Development of a review system to identify legislative proposals
- b) Analysis of all proposals, near adoption, directly related to high-level waste
- c) Develop position papers on those proposals deemed of sufficient concern (key) by the task force, to require input to the Governor and legislature
- d) Maintain contact with federal agencies and legislative committees on key issues as identified in part c above

#### Staff/Resource Requirements:

- a) One half-time to full-time staff person with clerical back-up would be required
- b) Involvement of the chairman and officials from the Governor's office would be necessary on occasion

Schedule: Continuous until issues are resolved

Cost: 15-30 thousand dollars per year

## TASK FORCE WORK PLAN DECISION MATRIX

### Low Activity Level

#### Task

#### 3. FEDERAL-STATE RELATIONSHIP

Objective: To maintain an active tracking process of federal legislation particularly applicable to Washington State and the BWIP

Methodology:

- a) Establish an informal legislative review process
- b) Conduct analysis of proposals deemed inappropriate or in need of major alterations which are directly related to high-level waste
- c) Submit suggested alterations to proposals identified, in b above, to the Governor and legislature
- d) Maintain informal contact with federal agencies and legislative committees with regard to task force suggestions

Staff/Resource Requirements:

- a) A part-time staff person or an outside contract may be needed should task force proposals be made

Schedule: Temporary--as issues arise

Cost: 5-10 thousand dollars/year

## TASK FORCE WORK PLAN DECISION MATRIX

### High Activity Level

#### Task

#### 4. FEDERAL COOPERATION

Objective: Regular contact with federal agencies and other key individuals, by task force members, in order to maintain an informed position on their activities. Washington would take a lead role in forming an interstate agreement or coalition.

#### Methodology:

- a) Maintain, at least, monthly contact with DOE and NRC
- b) Formation of committees to interface with key individuals on specific issues
- c) Formalize an agreement with other states

#### Staff/Resource Requirements:

- a) One or two individuals would be needed to track federal actions, with appropriate clerical assistance
- b) An extensive involvement of the task force chairman, as well as other members, would be required particularly in the consultation process with other states
- c) The possibility that a consultant will be needed for organization, communication, and representation (Washington, D. C.) is likely

Schedule: Continuous throughout the project's life

Cost: 50-100 thousand dollars/year

## TASK FORCE WORK PLAN DECISION MATRIX

### Medium Activity Level

#### Task

#### 4. FEDERAL COOPERATION

Objective: To maintain regular contact with federal entities in order to remain informed of their activities

Methodology:

- a) Maintain monthly contact with DOE and NRC
- b) Formation of committees to interface with key individuals on specific issues

Staff/Resource Requirements:

- a) One individual would be needed to track federal actions, with appropriate clerical support
- b) The task force members would have some contact with federal agencies, but primarily at prearranged task force meetings. The chairman may have more extensive involvement
- c) A consultant would be required for organizational efforts of short duration, and possible representation in Washington, D.C.

Schedule: Continuous throughout project's life

Cost: 25-75 thousand dollars/year

## TASK FORCE WORK PLAN DECISION MATRIX

### Low Activity Level

#### Task

#### 4. FEDERAL COOPERATION

Objective: To maintain an informed task force with a minimum of federal contact

Methodology:

- a) Develop a schedule emphasizing contact with DOE during research and/or construction phases and contact with the NRC during licensing phases
- b) Most contact with federal agencies would be accomplished via the phone, with occasional formal briefings at appropriate milestones

Staff/Resource Requirements:

- a) Available staff or one independent contract would be needed to organize and manage this operation
- b) Occasional task force contact with federal entities would be necessary

Schedule: Continuous throughout project's life

Cost: 10-50 thousand dollars/year

## TASK FORCE WORK PLAN DECISION MATRIX

### High Activity Level

#### Task

#### 5. REVIEW OF STATE POLICY

Objective: Conduct a complete review of existing statutes, regulations, and policies, which are directly or indirectly associated with the disposal of high-level radioactive waste; identify issues and propose alternatives to policy problems

#### Methodology:

- a) Perform a detailed step-by-step analysis with the staff, consultants, the Code Revisors Office, the Attorney General's Office and appropriate agencies to identify issues
- b) Develop a central clearing house for documents
- c) Undertake analysis of specific documents to determine gaps or conflicts
- d) Prepare a comprehensive, integrated report on this subject, including a set of proposed state policies in regulation format

#### Staff/Resource Requirements:

- a) At least one lawyer and a legal intern would be needed with appropriate clerical support
- b) Routine involvement of the task force and its advisory committees would be needed

Cost: 50-75 thousand dollars/year



## TASK FORCE WORK PLAN DECISION MATRIX

### Medium Activity Level

#### Task

#### 5. REVIEW OF STATE POLICY

Objective: Conduct a review of existing statutes, regulations, and policies which are directly associated with the disposal of high-level radioactive waste; identify issues and propose alternatives to major policy problems

#### Methodology:

- a) Make use of consultants and staff to identify appropriate pieces of legislation
- b) Undertake analysis of specific documents to identify gaps or conflicts
- c) Prepare and submit to the Governor proposals to remedy any major policy discrepancies

#### Staff/Resource Requirements:

- a) Part-time legal advice and clerical support would be required
- b) Task force involvement would be on an as-needed basis

Cost: 25-50 thousand dollars/year

## TASK FORCE WORK PLAN DECISION MATRIX

### Low Activity Level

#### Task

#### 5. REVIEW OF STATE POLICY

Objective: To review existing statutes, regulations, and policies which are directly associated with the disposal of high-level radioactive waste; identify issues and propose alternatives when appropriate

#### Methodology:

- a) Depend on staff, public participation, and informal contacts to bring appropriate pieces of legislation to the task force's attention
- b) Undertake analysis of those documents to identify problem areas
- c) Submit proposals to the Governor for the revision or replacement of these documents

#### Staff/Resource Requirements:

- a) Part-time legal advice and clerical support would be required
- b) Task force involvement would be on an as-needed basis

Cost: 5-15 thousand dollars/year

## TASK FORCE WORK PLAN DECISION MATRIX

### High Activity Level

#### Task

#### 6. PUBLIC PARTICIPATION

Objective: Develop a broad scale program to inform the public on all major aspects of the NWTIS program and BWIP and to solicit public input, on a state-wide basis

#### Methodology:

- a) Develop a sophisticated multimedia educational package of materials
- b) Structure a series of public participation strategies
- c) Use a random sample polling technique to determine broad scale public opinion statewide
- d) Develop a communications network to receive, respond, summarize and file public input

#### Staff/Resource Requirements:

- a) Three to four individuals would be needed to organize and operate the program
- b) The task force would be particularly active in this scenario

Schedule: One to two years

Cost: 150-200 thousand dollars/year

## TASK FORCE WORK PLAN DECISION MATRIX

### Medium Activity Level

#### Task

#### 6. PUBLIC PARTICIPATION

Objective: Develop a program to inform the public of the general nature of the NWTs program and the BWIP, while simultaneously soliciting public response

#### Methodology:

- a) Structure a series of public participation strategies by which information can be distributed and responses obtained in selected areas of the state
- b) Develop a communications network to receive, respond, summarize and file public responses

#### Staff/Resoure Requirements:

- a) One to two individuals would be required to organize and operate the program
- b) The task force would likely be very active in this option

Schedule: One to one and one-half years

Cost: 50-100 thousand dollars/year

## TASK FORCE WORK PLAN DECISION MATRIX

### Low Activity Level

#### Task

#### 6. PUBLIC PARTICIPATION

Objective: Develop an educational program to inform the public of federal activities in Washington State and to solicit public input

Methodology:

- a) Structure a public participation strategy by which information can be distributed in the Tri-City area and testimony can be received
- b) Develop a communications network to respond, summarize and file public input

Schedule: Six months to one year

Cost: 50-150 thousand dollars

## TASK FORCE WORK PLAN DECISION MATRIX

### High Activity Level

#### Task

#### 7. REPORTING TO THE GOVERNOR

Objective: Submit reports to the Governor and legislature as often as deemed necessary by the task force (Not less than every 6 months)

Methodology:

- a) Actively seek out important issues using the process outlined in items one through six

Staff/Resource Requirements:

- a) One additional staff member--part-time--would be needed

Schedule: Continuous throughout project (Report not less than every 6 months)

Cost: 5-10 thousand dollars/year

## TASK FORCE WORK PLAN DECISION MATRIX

### Medium Activity Level

#### Task

#### 7. REPORTING TO THE GOVERNOR

Objective: Report to the Governor as required, unless special concerns arise

Methodology:

- a) Identify issues of particular concern using the process outlined in items one through six

Staff/Resource Requirements:

- a) One additional staff person may be required part-time, but available staff would likely handle this area

Schedule: Report to the Governor every 6 months as required unless a special case arises

Cost: 2-5 thousand dollars/year

# TASK FORCE WORK PLAN DECISION MATRIX

## Low Activity Level

### Task

#### 7. REPORTING TO THE GOVERNOR

Objective: Report to the Governor as required by E.O. 82-17

Methodology:

- a) Provide the Governor with a summary report on the task force's activities once every 6 months as required

Staff/Resource Requirements:

- a) Available staff would handle this procedure

Schedule: Once every 6 months as required

Cost: 1-3 thousand dollars/year