memorandum

DATE: OCT 2 0 1987

REPLY TO ATTN OF:

RW-223

SUBJECT:

Draft Agenda for December 1-3, 1987, Institutional/Socioeconomic Coordination Group (ISCG) Meeting and the Response to Albuquerque Action Item #8

TO:

Distribution

Attached are the draft agenda for the December 1-3, 1987, ISCG Meeting to be held at Caesars Palace Hotel in Las Vegas, Nevada, and the response to Albuquerque Action Item #8 on the WIPP Questions.

Comments on the draft agenda are invited. Please submit your comments by Friday, October 30, to Carol Peabody. She may be reached on FTS 896-1330 or Commercial (202) 586-1330.

Barry G. Gale, Chief Economic and Intergovernmental Analysis Branch Office of Civilian Radioactive Waste Management

Attachments

12**8**

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OGR INSTITUTIONAL/SOCIOECONOMIC COORDINATION GROUP Las Vegas, Nevada

DRAFT AGENDA

Tuesday, December 1, 1987

8:45 AM

Separate Executive Sessions are scheduled for States and Indian Tribes and for DOE and its support contractors.

Wednesday, December 2, 1987

PLENARY SESSION

TIME	ITEM	PURPOSE	REFERENCE
8:15 AM	o Welcome and Introductions		
	o Review of Seattle ISCG Draft Minutes	Agreement	Draft Minutes from Seattle ISCG
	o Confirm dates and locations for ISCG meetings during next 12 months	Agreement	Current Master Calendar
	o Review of Las Vegas Agenda	Agreement	Las Vegas agenda
	o Review of Seattle ISCG Plenary Session Action Items	Status report	Seattle ISCG Action Items
8:45	OCRWM Policy and Legislation Update	Provide information and discuss	
9:15	Intergovernmental Resource Center	Provide status report and overview of briefing book	IRC Document ListIRC Briefing Book
9:30	BREAK		
9:45	Master Calendar	Review	Current Master Calendar
10:00	Action Item Tracking System	Review	Outline of Action Item Tracking System

Wednesday, December 2, 1987

PLENARY SESSION (continued)

TIME	ITEM	PURPOSE	REFERENCE
•			
10:15	C&C Status Report		
	o Negotiations	Status report	
٠	o C&C Guidelines	Agreement on final version of C&C Guidelines	Revised OGR Internal C&C Guidelines
	o C&C Forum	Discuss	
10:30	DOE Meeting with States and Indian Tribes, Dallas, Texas, October 1, 1987	Status report	Agenda and Commitments from meeting
10:45	Release of Land Acquisition Plan for Texas	Status report	
11:15	Second Repository Activities	Provide update on program	October 1, 1987 letter from J.S. Herrington on second repository
11:30	MRS Update	Status report	
11:45	Review Plenary Session Action Items	Agreement	
12:00	LUNCH		
	FINANCIAL	ASSISTANCE COMMITTEE	
1:30	Review of Seattle Financial Assistance Action Items	Status report	Seattle ISCG Action Items
1:45	Discussion of grant periods as they relate to OCRWM budget and award of full-year grants	Discussion of Dallas commitment #10 and #11	Commitments from October 1, 1987 meeting with States and Indian Tribes

Wednesday, December 2, 1987

FINANCIAL ASSISTANCE (continued)

TIME	ITEM	PURPOSE	REFERENCE
2:15	Review grant process and how best to develop procedures for funding some activities on a multi- year basis	Discussion of Dallas Commitment #13	Commitments from October 1, 1987 meeting with States and Indian Tribes
2:45	Report on November 18, 1987 meeting in Dallas on PETT	Report on discussions with DOE HQ, POs and States and Indian Tribes on the PETT program	
3:00	BREAK		
3:15	Payments-Equal-To- Taxes	Status report/ update	
4:00	State and Indian Tribal Reports	Summary presentations by States and affected Indian Tribes describ- ing their activities funded under NWPA	-
5:00	Review of Financial Assistance Action Items	Agreement	
5:15	ADJOURN		

Thursday, December 3, 1987

OUTREACH AND PARTICIPATION COMMITTEE

(NOTE: There were no Outreach action items taken at the Seattle ISCG)

8:30 AM	Information Services	Status report on public information activities	
9:00	Plans for Workshops on Consultative Draft SCPs and M&M Plans	POs provide informa- tion and discuss plans for workshops	PO plans for workshops

Thursday, December 3, 1987

OUTREACH AND PARTICIPATION COMMITTEE (continued)

TIME	ITEM	PURPOSE	REFERENCE
9:45	Facility-Specific Outreach and Participation Plans	POs provide status reports on informal discussions with States, Indian Tribes and local governments and on schedules for plans	PO schedules for development of participation plans
10:30	BREAK		
10:45	State and Indian Tribal Presentations on New Public Information Products, Plans and Activities	Status report updating outreach products and activities since Seattle ISCG	
11:30	Review Outreach Action Items	Agreement	·
11:45	LUNCH	÷	
· .	SOCIOEC	ONOMICS COMMITTEE	
1:15	Review of Seattle ISCG Socioeconomic Action Items	Status report	Seattle ISCG Action Items
1:30	Socioeconomic Monitoring and Mitigation Plans	Status	SMMP Schedule
1:45	Denver Socioeconomic Workshop	Summarize workshop proceedings	Workshop agenda
2:00	Comprehensive Socio- economic Plan	Present conceptual framework	Conceptual framework outline
2:45	BREAK		

Thursday, December 3, 1987

SOCIOECONOMICS COMMITTEE (continued)

TIME	ITEM	PURPOSE	REFERENCE
3:00	Economic Impacts of Perceived Risk	Review of proposed risk assessment activities	Outline of HQ activitiesGlossary of Terms for Perceived RiskOutline of PO activities
4:00	Review Socio- economic Action Items	Agreement	
4:15	AJOURN		

WASHINGTOL STATE INSTITUTE FOR I BLIC POLICY

HQO.870915.024€

The Evergreen State College

Olympia, Washington 98505

Telephone (206) 866-6000, ext. 6380

September 8, 1987

Barry G. Gale, Chief Economic and Intergovernmental Analysis Branch Office of Civilian Radioactive Waste Management United States Department of Energy RW-223 1000 Independence Avenue Washington, D.C. 20585

Subject: Responses to WIPP Inquiry

Dear Barry:

Jack Tillman, Project Manager of the Waste Isolation Pilot Project, recently responded to the set of questions I had earlier posed about WIPP. A copy of his response is attached.

I would appreciate it if you could circulate Mr. Tillman's response to the ISCG mailing list.

Thank you.

Dan Silver

Sincerely,

Project Coordinator

Enclosure



Department of Energy

Albuquerque Operations Office
Waste Isolation Pilot Plant Project Office
P. O. Box 3090
Carlsbad, New Mexico 88221

AUG 1 9 1987

Mr. Dan Silver Legislative Liaison Washington State Institute for Public Safety Olympia, WA 98505

Dear Mr. Silver:

In response to your recent request to Ms. Linda Walter, Acting DOE Public Affairs Officer, Attachment A provides responses to the questions identified in your letter of January 9, 1987 to Barry Gale (Attachment B).

Ms. Walter has discussed with me your conversation, and I would like to reiterate that the U.S. Department of Energy would be pleased to have the Nuclear Waste Board visit the WIPP site for a tour to learn more about the program.

Please contact either myself or Ms. Walter should you need additional information.

Sincerely,

Jack B. Tillman Project Manager

2 Enclosures

cc w/Enclosures:
A.G. Follett, DOE, HQS
A.E. Hunt, DOE, WPO

cc w/o Enclosures: R.A. Marquez, OIEA, AL J.E. Bickel, OPEP, AL PEGE VED

SCIENCE & TECHNOLOGY PROJECT OLYMPIA, WASH, SESUS

RESPONSES TO QUESTIONS FOR INSTITUTIONAL/SOCIOECONOMIC COORDINATING GROUP MEETING

1) TECHNICAL ISSUES

Question a)

What are we finding out about the creep rate in salt? Is it causing a problem with the crushing of the storage drums? Will it interfere with retrieval, or with access to the storage area?

Response:

Steady-state creep rates measured in the WIPP underground have been observed to be greater than the rates predicted using currently available computer codes and material models that are based on laboratory data. With only minor revisions, the original facility design accommodates the faster creep rates. Laboratory investigations and model development are being actively pursued to provide improved predictive capabilities for future repository design.

The Project has revised the reference design to exclude the use of salt backfill during the retrievability period. This action will prevent crushing of storage drums and will ensure safer, efficient retrieval of the waste in the unlikely event that this becomes necessary.

With regard to access to the storage area, it has always been recognized that trimming of the access drifts would be necessary to accommodate creep during the operating life of the facility.

Question b)

What are we learning from the new information gathered on the groundwater hydrology? What lessons are there for other sites with weak aquifers?

Response:

Hydrologic characterization studies have progressed significantly since WIPP's early years. Early on, the Rustler Formation, which is recognized as the principal water-bearing formation at the site, was modeled as a single, isotropic, confined hydrologic unit with porous media type permeability.

More recent hydrologic studies at WIPP have demonstrated the importance of one particular rock unit within the Rustler Formation, the Culebra delomite member. Recent findings from hydrologic and tracer testing at WIPP indicates: 1) the local importance of dual-porosity behavior in hydraulic response and transport in the Culebra; 2) the presence within the Culebra of distinct high-and low-transmissivity regions due to apparent fracturing; and 3) the possible importance of vertical

fluid flow within the Rustler Formation. Calculations to assess the impacts of these new findings on long-term performance of the site are ongoing as part of 40 CFR 191 Subpart B compliance efforts.

Question c)

How is the information we are gaining from the WIPP project being transferred to the commercial repository program? How frequent is the exchange of information between WIPP representatives and OCRAM representatives?

Response:

In October 1984, R. Romatowski and B. Rusche signed a procedural agreement outlining the guiding principles for exchanges of information between the defense and commercial waste management programs. It provides for (a) the exchange of pertinent information [including technical data, reports, codes, cost and schedule data]; (b) periodic meetings; and (c) managements reviews of the information exchange process.

Appropriate OCRWM, and particularly the Salt Repository Project Office of OCRWM, as well as contractor personnel have been added to the distribution lists for WIPP reports. Special technical information exchanges on specific topics are held approximately bimonthly. In addition, informal discussions occur on an as required basis between OCRWM and WIPP contractor staffs.

2) POLICY ISSUES

Question a) Is it still the policy that high level waste will not be permanently disposed of at the WIPP site?

Response: Yes. This language now appears in Section B of Article VI of the Agreement for Consultation and Cooperation with the State of New Mexico.

Question b) What will happen to transuranic wastes which are not acceptable to WIPP because they have other contaminates (e.g., aerosol cans, fluids, etc.)?

Response: These wastes will not be transported to WIPP for disposal. Disposal of wastes that do not meet the requirements of the WIPP Waste Acceptance Criteria is the responsibility of the waste generator sites.

Question c) Who has jurisdiction over worker safety and liability issues, the state or federal government?

Response: The WIPP facility is a DOE facility. Safety requirements equivalent to the OSHA standards are imposed by DOE order. A recent Memorandum of

Understanding between the DOE and the Mine Safety and Health Administration (MSHA), which is an agency of the U.S. Department of Labor, will make the MSHA expertise in mine safety and health available to the Project.

Question d) When and how does WIPP intend to show compliance with 40 CFR 191 standards?

Response:

Compliance with Subpart A of 40 CFR 191 will commence with the first receipt of waste (scheduled for October 1988). It will be documented by the results of the WIPP operational radiation monitoring program, which will require the integrated use of individual personnel monitoring, continuous air monitors, fixed air samplers and extensive environmental monitors and samplers.

WIPP is finalizing the compliance plan for Subpart B of 40 CFR 191. This plan will provide a schedule that has compliance activities completed (currently scheduled for 1992) with sufficient lead time to support a decision on becoming an operational facility. Compliance with Subpart B will be demonstrated in a Performance Assessment that is scheduled for completion in 1992. This document will extrapolate geohydrologic data, barrier performance and material property estimates and designated probability statistics to estimate the extent to which environmental releases might occur over the next 10,000 years.

Question e) Is USDOE complying with state as well as federal regulations?

Response: Yes. The WIPP Project is required to comply with all applicable laws and regulations.

Question f) What is the status of transportation policies governing waste canisters? Will transuranic wastes be shipped in NRC licensed canisters? Will the canisters be single-wall or double-wall?

Response: All waste shipped to WIPP will be shipped in packages which the NRC has certified for use. This includes the use of double containment as specified by the NRC regulations.

3) FEDERAL/STATE RELATIONS

Question a) How has the C&C Agreement worked out, from the WIPP point of view? How quickly is information conveyed to local and state representatives?

Response: The Consultation and Cooperation Agreements have provided the bases for an effective communications system between the DOE and the State. This system has contributed to effective information exchange and has

produced mutually beneficial results. Information is provided to the State as it becomes available and the State is kept informed by formal Quarterly Reviews and frequent technical information exchange meetings.

Question b) Has the USDOE been paying for infrastructure improvements essential to the project, such as access road improvements, or have these costs been borne by the

local government?

Response: The DOE has paid for the construction of 12 miles of heavy duty highway that constitutes the North Access Road. It is currently supporting the resurfacing of about 5 miles of county road that is used as the South Access Road. The DOE also built about 5 miles of road to join a Lea County oil road. This route provided north access until the North Access Road was completed.

> The DOE also constructed a water pipeline to the site. Feeders from this line have made piped water available to two ranches along its route.

The DOE constructed the rail spur into the site.

Ouestion c) Has the USDOE made any type of payments in lieu of taxes?

> The Federal Government provides financial assistance under PL 81-874 to compensate local school systems for school children with parents working at the WIPP Site. In addition, PL 97-258 provides payments in lieu of taxes within the county, a portion of mineral leasing revenues are returned to the State, and a portion of grazing fees are used for range improvements.

What type of socio-economic studies have been performed Question d) for the WIPP? What type of risk analysis has been completed?

Socio-economic impact studies were published by the University of New Mexico in March 1980. The Final Environmental Impact Statement, published in October 1980, contained extensive data or socio-economic effects. The WIPP Project is discussed in another University of New Mexico study published in July 1986 that evaluated the social and economic impacts of DOE activities in the State.

> The basic risk analysis is the Project's five-volume Safety Analysis Report. Probabilistic risk analyses have been conducted of specific subjects, such as a catastrophic waste hoist failure, or underground waste drum fire propagation.

Response:

Response:

WASHINGTON STATE INSTITUTE FOR PUBLIC POLICY

Attachment B

green State College

Olympia, Washington 98505

Telephone (206) 866-6000, ext. 6380

January 9, 1987

Barry Gale, Chief Economic and Intergovernmental Analysis Branch Office of Civilian Radioactive Waste Management U.S. Department of Energy RW-223 1000 Independence Avenue SW Washington, D.C. 20585

Subject: Agenda Topics for Next ISCG Meeting, Pertaining to WIPP

Dear Barry:

We appreciate the opportunity to suggest topics for discussion with WIPP representatives at the March meeting of the Institutional/Socioeconomic Coordinating Group.

Among the subjects which interest us are:

1) Technical Issues

- a) What are we finding out about the creep rate in salt? Is it causing a problem with the crushing of the storage drums? Will it interfere with retrieval, or with access to the storage area?
- b) What are we learning from the new information gathered on the groundwater hydrology? What lessons are there for other sites with weak aquifers?
- c) How is the information we are gaining from the WIPP project being transferred to the commercial repository program? How frequent is the exchange of information between WIPP representatives and OCRWM representatives?

2) Policy Issues

- a) Is it still the policy that high level waste will not be permanently disposed of at the WIPP site?
- b) What will happen to transuranic wastes which are not acceptable to WIPP because they have other contaminants (e.g., aerosol cans, fluids, etc.)?
- c) Who has jurisdiction over worker safety and liability issues, the state or the federal government?
- d) When and how does WIPP intend to show compliance with 40 CFR 119 standards?
- e) Is USDOE complying with state as well as federal regulations?

f) What is the status of transportation policies governing waste cannisters? Will transuranic wastes be shipped in NRC licensed cannisters? Will the cannisters be single-wall or double-wall?

3) Federal/State Relations

- a) How has the C&C agreement worked out, from the WIPP point of view? How quickly is information conveyed to local and state representatives?
- b) Has the USDOE been paying for infrastructure improvements essential to the project, such as access road improvements, or have these costs been borne by the local government?
- c) Has the USDOE made any type of payments in lieu of taxes?
- d) What type of socio-economic studies have been performed for the WIPP? What type of risk analysis has been completed?

4) Schedule Changes

- a) Has there been schedule slippage? If so what are the causes of the slippage (technical, financial, permitting, political, etc)? What are the lessons for the repository program?
- b) When are the demonstration projects over? When will WIPP be able to accept transuranic waste?
- c) Are schedule changes being coordinated with the Hanford defense waste people?
- d) What effect do WIPP schedule changes have on the commercial repository program?

We look forward to seeing you in Albuquerque and discussing these subjects.

Sincerely,

Dan Silver / Legislative Liaison

cc. Max Powell Jerry Parker Tom Sykes

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CONFEDERATED TRIBES of the Umatilla Indian Reservation

P.O. Box 638
PENDLETON, OREGON 97801
Area Code 503 Phone 276-3018

December 31, 1986

Mr. Barry Gale U.S. Department of Energy 1000 Independence Avenue, S.W. Forrestal Building, RW = 223 Washington, D.C. 20585

RE: ISCG meeting

Dear Barry:

At the last ISCG meeting in Las Vegas, we discussed the possibility of having WIPP officials making presentations before the ISCG on interests of common concern. We agreed that affected parties should send in their suggestions for topics by January 9th. The CTUIR suggests the following issues be discussed by the WIPP representatives:

- 1. Transportation issues.
- 2. The impact of the WIPP facility on any Indian tribes, their treaty rights or religious practices.
- 3. The involvement, if any, of any Indian tribe in the planning or operation of the WIPP facility.

Furthermore, the CIVIR suggests that these same issues, but especially transportation, be raised with DOE Defense Program officials as well.

We hope these issues are aired in the near future at an ISCG meeting.

Sincerely,

CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION

William H. Burke, Director Nuclear Waste Study Program

500079

UHB: sm

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- D. Smith, State of Texas
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