



**Department of Energy**  
 Richland Operations Office  
 P.O. Box 550  
 Richland, Washington 99352

87-GTB-63

87 JUN 25 P2:32

WM Record File  
 101.2

WM Project 10  
 Docket No. \_\_\_\_\_  
 PDR  w/ encl.  
 LPDR  w/ encl.

Those on Attached List

Ladies and Gentlemen:

Distribution:  
 Linehan \_\_\_\_\_  
 Hildenbrand \_\_\_\_\_  
 Coleman \_\_\_\_\_  
 of \_\_\_\_\_

TRANSMITTAL OF EXPEDITED SPECIAL CASE DOCUMENTS  
 FOR THE RESTART OF DC-23, DC-24, DC-25, DC-32 and DC-33

*To: Linehan  
 Enclosures are  
 published reports.*

Enclosed please find documents that represent the current materials available for the expedited special case (ESC) restart of constructing piezometer facilities DC-23, DC-24, DC-25, DC-32 and DC-33. Also enclosed is a release schedule for the remaining documents in the ESC review package. Some of the documents being forwarded at this time are drafts and have not been reviewed by senior technical staff members. We believe document changes from this point forward largely will be cosmetic, making a review of the drafts appropriate to understanding project activities. Copies of final documents will be forwarded as they become available.

These documents are being forwarded to you at this time so that we can meet in July 1987 to discuss the Project's readiness to start the drilling of DC-24, etc. A subsequent meeting will be scheduled to discuss the piezometer installation activity. Note that in the enclosures sent today, sections pertinent to the drilling activity are delineated in an enclosed table to expedite your review.

I am looking forward to this opportunity and am confident that this interaction will prove that the DOE, NRC, Affected States and Tribes can work in a "real-time" mode in making decisions. If you have any questions, please contact me or Dr. D. H. Dahlem on (509) 376-6406.

Sincerely,

*J. H. Anttonen*

John H. Anttonen, Assistant Manager  
 for Commercial Nuclear Waste

8712040037 870617  
 PDR WASTE PDR  
 WM-10

BWI:DHD  
 TCH24F7.BD1

Enclosures

- cc: R. Stein, HQ, w/encl.
- S. Kale, HQ, w/o encl.
- J. Knight, HQ, w/o encl.
- A. Alkezweeny, CTUIR, w/o encl.
- W. Hanson, GAO, w/o encl.
- D. Provost, State of Washington, w/o encl.



*2663*

Addressees - Letter dated

JUN 17 1987

Mr. John J. Linehan, Acting Chief  
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Division of High-Level Waste Management  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

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P A C K I N G   S L I P

REQUEST NUMBER 87-172 NUMBER OF DOCUMENTS ENCLOSED 32

NAME OF REQUESTOR see distribution

ADDRESS \_\_\_\_\_

ADDITIONAL INFORMATION For the enclosed documents please see attached lists

IF WE CAN BE OF FURTHER ASSISTANCE, PLEASE CONTACT PUBLIC RELEASE SYSTEM.

PACKED BY J.M. Ludwick/L.M. Mager/C.L. Chambers 06/17/87

## TABLE: KEY DOCUMENTS REQUIRED FOR DRILLING DC-24CX

		<u>Applicable Pages</u>
SD-BYI-SP-035	STRATIGRAPHY STUDY PLAN (DRAFT)	18-30
SD-BYI-SP-036	INTRAFLOW STRUCTURES STUDY PLAN (DRAFT)	18-30
SD-BYI-SP-057	SITE GROUNDWATER STUDY PLAN (DRAFT)	15-16 and 18-19
SD-BYI-TR-010	TEST DATA COLLECTION SPECIFICATIONS DRILLING, LOGGING AND PIEZOMETER INSTALLATION BOREHOLES DC-23,24,25,32, AND 33 (DRAFT)	All
SD-BYI-RQD-008	DESIGN REQUIREMENTS FOR PIEZOMETER FACILITIES, DC-23GR, DC-24CX, DC-25CX, DC-32CX, AND DC-33CX	1-15 and 22-27
SD-BYI-AR-031	QUALITY EVALUATION BOARD LEVEL ASSIGNMENTS, EXPEDITED SPECIAL CASE FOR RESTART OF BOREHOLES DC-23,24,25,32, AND 33 (DRAFT)	1-100 and 159-181
HS-BC-0001 THROUGH HS-BC-0008	SPECIFICATIONS FOR PIEZOMETER FACILITIES	Text-HS-BC-001 All Dygs-H-6-4300 -H-6-4301 -H-6-4303 Shts 1-7
SD-BYI-TP-045	TEST PLAN FOR DRILLING AND COMPLETION OF CX SERIES MULTI-LEVEL PIEZOMETERS (DRAFT)	8-27 and 32-80
LTR NO. R87-1484	RESTART COLLECTION REQUIREMENTS DEFINITION AND FACILITY DESIGN DEVELOPMENT AS AN EXPEDITED SPECIAL CASE FOR BOREHOLES DC-23, DC-24, DC-25, DC-32, AND DC-33	7-9
LTR NO. R87-2380	EXPEDITED SPECIAL CASE RESTART DRILLING AND PIEZOMETER INSTALLATION FOR BOREHOLES DC-23, DC-24, DC-25, DC-32, AND DC-33	14-18 and Attachment 2A

TABLE: KEY DOCUMENTS REQUIRED FOR DRILLING DC-24CX  
(CONTINUED)

		<u>APPLICABLE PAGES</u>
DT-ES-103	SHIFT REPORT OF OPERATIONS	
DT-ES-104	CALCULATION AND PLACEMENT OF CEMENT STAGES DURING PIEZOMETER INSTALLATION	ALL
DT-ES-106	MEASUREMENT AND DEPTH DETERMINATION IN BOREHOLES USING BOTTOM HOLE "TAGGING" METHOD	ALL
DT-ES-115	DOCUMENTATION OF MAKEUP WATER SOURCE	ALL
DT-ES-401	CHIP SAMPLE COLLECTION AND PREPARATION OF BOREHOLE GEOLOGIC LOG	ALL
FI-DC-241	BOREHOLE DC-24CX DRILLING ACTIVITIES (DRAFT)	ALL
GM-ES-501	INSTALLATION AND OPERATION OF SELING SUBSURFACE AND SURFACE PROBES (DRAFT)	ALL
GT-ES-103	FIELD TESTING DRILLING FLUIDS FOR GEOPHYSICAL LOGGING	ALL
GT-ES-301	CALIBRATION OF THE COMPENSATED NEUTRON, SIDEWALL NEUTRON, POROSITY, AND	ALL
GT-ES-303	CALIBRATION OF THE SECONDARY TANK FOR NEUTRON TOOLS	ALL
GT-ES-307	FIELD SET-UP, CALIBRATION, AND OPERATION OF THE DUAL INDUCTION LATEROLOG, SPONTANEOUS POTENTIAL, AND PASSIVE GAMMA RAY TOOL STRING	ALL
GT-ES-310	FIELD SET-UP, CALIBRATION, AND OPERATION OF THE 4-ARM CALIPER AND PASSIVE GAMMA RAY TOOL STRING	ALL
GT-ES-314	FIELD SET-UP, CALIBRATION, AND OPERATION OF THE COMPENSATED NEUTRON POROSITY, COMPENSATED DENSITY, AND PASSIVE GAMMA RAY TOOL STRING (DRAFT)	ALL
GT-ES-315	FIELD SET-UP, CALIBRATION, AND OPERATION OF CEMENT BOND, CASING COLLAR LOCATOR, GAMMA RAY TOOL STRING (CBL COMBO TOOL)	ALL
GT-ES-321	FIELD SET-UP, CALIBRATION, AND OPERATION OF THE FLUID TEMPERATURE AND GAMMA RAY TOOL STRING	ALL
GT-ES-324	CONTROL OF VENDOR OYNED SM&TE (DRAFT)	ALL
HT-ES-201	HYDRAULIC HEAD MONITORING	ALL
HT-ES-202 REV. 2	CALCULATION AND DOCUMENTATION OF DRILLING FLUID LOSS/GAIN DURING DRILLING OPERATIONS (DRAFT)	ALL
HT-ES-227	DRILLING FLUID SAMPLE COLLECTION	ALL