





LIST OF INFORMATION\* FOR REVIEW AT THE  
BWIP HYDROLOGIC DATA REVIEW, DECEMBER 2-5, 1986

**I. Information to be Reviewed**

- A. Water level data collected at primary monitoring facilities (e.g., DC-19/20/22 and the RRL-2 clusters; RRL-14; DC-4; DC-23; McGee Well) since May 1985. Water levels should be provided in tabular and graphical format.
- B. Reduction of water level data to filter out external influences such as barometric and earth tidal effects (e.g., use of HEADCO or similar procedures to process water level and pressure data).
- C. Documentation of pressure responses of piezometers during packer inflation (e.g., packer inflation in RRL-2C flow interior piezometers).
- D. Results of recent (since 12/84) hydraulic testing conducted in conjunction with drill and test programs (e.g., DC-18) and well construction and development programs (e.g., DC-23 and RRL-2B/C).
- E. Records pertaining to drilling fluid losses that occurred during drilling of DC-23, DC-18, and RRL-17.
- F. Hydrochemistry data from the site collected since 1/85, especially data from DC-23W/GR, RRL-2, DC-18, and the Westbay Installation in RRL-14.
- G. Interval testing, completion, and integrity testing reports that have not yet been formally documented and/or released.
- H. Stratigraphic, geophysical, and completion data for DC-23W/GR.
- I. Geophysical and water level information relevant to characterization of the "Yakima Barricade" structure (i.e., Cold Creek "Barrier").

**II. Information that may be Reviewed**

- A. Current operational status of the Westbay Installation at RRL-14.
- B. Analysis and control of the composition of water actually used to fill piezometer tubes in DC-19/20/22/23, RRL-2C, and other monitoring facilities.
- C. Results and procedures used to test the permeability of grout used in the nested piezometers installations (e.g., RRL-2C).
- D. Results of recent (since 6/85) laboratory calibration tests on downhole pressure transducers.

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\* NRC may request this information in releasable hard copy.

DOE-NRC HYDROLOGY DATA REVIEW FOR  
THE HANFORD SITE, DECEMBER 2-5, 1986

Objectives

- To review hydrologic data from the Hanford site in preparation for the upcoming DOE-NRC meeting about the BWIP hydrologic testing strategy.
- To evaluate the application of BWIP's data collection, documentation, and quality assurance procedures used between January 1984 and the present.

Tuesday, December 2

8:00	Introduction and Objectives	NRC/DOE
8:15	Initiate Review	NRC
11:30	Information Requests/Clarifications	NRC DOE
12:00	Lunch	
1:00	Resume Review	NRC
4:00	Information Requests/Clarifications	NRC/DOE
4:30	Summary (if appropriate)	NRC/DOE
4:45	Break	

Wednesday, December 3

8:00	Resume Review	NRC
11:30	Information Requests/Clarification	NRC/DOE
12:00	Lunch	
1:00	Resume Review	NRC
4:00	Information Requests/Clarification	NRC/DOE
4:30	Summary (if appropriate)	NRC/DOE
4:45	Break	

Thursday, December 4

8:00	Resume Review	NRC
11:30	Information Requests/Clarification	NRC/DOE
12:00	Lunch	
1:00	Resume Review	NRC
4:00	Information Requests/Clarification	NRC/DOE
4:30	Summary (if appropriate)	NRC/DOE
5:00	Break	

Friday, December 5

8:00	Resume Review	NRC
11:30	Information Requests/Clarification	NRC/DOE
11:45	Lunch	
12:45	NRC Caucus	NRC
1:30	Summary of Immediate Observations and Data Review Wrap-Up	NRC/DOE
2:30	Adjourn	



Record Number BH86-

Page      of       
Reviewer(s)                       
                                    

Affiliation                       
Date                     

HYDROLOGY DATA REVIEW CHECKLIST  
CONTINUATION SHEET

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COMMENTS:

Borehole                     

Unit                     

Depth Interval

Please contact Paul Hildenbrand (427-4672) of my staff or Michael Weber (427-4746) of the Waste Management Geotechnical Branch if you or your staff have any questions concerning the data review or the visit to the Creston site.

Original Signed By:

John J. Linehan, Acting Chief  
Repository Projects Branch  
Division of Waste Management  
Office of Nuclear Material  
Safety and Safeguards

Enclosures:  
As Stated

cc: JKnight, DOE-HQ

WMRP  
JLinehan  
86/10/2

OFC	: WMGT <i>MW</i>	: WMGT <i>NC</i>	: WMGT <i>TV</i>	: WMGT <i>MT</i>	: WMGT <i>PJ</i>	: WMRP <i>PH</i>	: WMRP <i>RC</i>
NAME	: MWeber	: NColeman	: TVerma	: MFliegel	: PJustus	: PHildenbrand	: RJohnson
DATE	: 86/10/27	: 86/10/29	: 86/10/29	: 86/10/29	: 86/10/29	: 86/10/29	: 86/10/30