



# Department of Energy

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JAN 09 1990

Mr. Paul T. Day  
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Region 10  
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Mr. Roger F. Stanley  
Hanford Project Manager  
State of Washington  
Department of Ecology  
Mail Stop PV-11  
Olympia, Washington 98504-8711



Dear Messrs. Day and Stanley:

STATUS OF ACTION ITEMS FROM THE OCTOBER 25-26, 1989, SPECIAL TOPICS - DATA MANAGEMENT MEETING

The attached document represents the latest status of action items identified in the Special Topics - Data Management Meeting of October 25 and 26, 1989.

The status report is provided for your information. If there are any questions, please contact me on (509) 376-6798.

Sincerely,

Steven H. Wisness  
Hanford Project Manager

ERD:SHW

Attachments

cc w/att:  
T. Young, Ecology  
D. Einan, EPA  
J. L. Waite, WHC



STATUS OF ACTIONS ITEMS - DECEMBER 29, 1989

SPECIAL TOPICS - DATA MANAGEMENT MEETING  
(October 24, 25, 1989)

Chairman: F. T. Calapristi, WHC Environmental Division

<u>ACTION</u>	<u>RESPONSIBILITY</u>
<p>1. Review Ecology comments on 100-HR-1 Work Plan. Ecology believes overall management approach not evident in the data management plan.</p> <p>Status: Data management plan being revised and will be reflected in the mid-January revision of 100-HR-1 Work Plan (see Action Item #11).</p>	<p>T. Wintczak</p>
<p>2. Confirm issue date of November 1989 for the HEIS SOW (FY 1990). Ecology requested copy of signed SOW for review and comment.</p> <p>Status: The Statement of Work (SOW) with the work order was sent to PNL on November 7, 1989. After the SOW is signed, it will be sent through the clearance process and released to Ecology.</p>	<p>M. Adams</p>
<p>3. Define procedure for providing information copies to Ecology, when circulating HEIS procedures for user comments.</p> <p>Status: Procedures will be developed as defined in the SOW now being negotiated between PNL and WHC. After the procedures have been cleared, they will be made available for Ecology.</p>	<p>M. Adams</p>
<p>4. Westinghouse Hanford Company was requested to provide routine status reports on HEIS progress. WHC and PNL will provide bi-monthly updates at Unit Managers Meetings; and if necessary, general data management concerns would also be addressed.</p> <p>Status: The Environmental Engineering Technical Baseline Section will provide these updates at the Unit Managers meetings.</p>	<p>M. Adams/ R. Gephart</p>
<p>5. Section 101 of the Tri-Party Agreement requires a 45-day response to regulatory request for data. However, the definition of "data" is unclear and may require a sentence to be added to Section 101. This subject will be on the agenda at the next Unit Managers meeting.</p> <p>Status: Section 101 was rewritten and is being negotiated with the regulators. WHC will provide the next revision to the regulators for review by January 5, 1990.</p>	<p>T Wintczak</p>

6. Ecology is interested in reviewing telecommunications approaches for remote access to Hanford data in the near term. Since access to Hanford RI/FS data will eventually be accomplished through HEIS, Ecology is particularly interested in remote access to this database. Ecology and WHC will initiate informal discussions in the near future to discuss HEIS and other data systems.
- F. Calapristi/  
T. Young

Meeting held with Ecology, DOE-RL, WHC, PNL and BCSR telecommunications specialist on December 6, 1989 to initiate discussions for remote access to the Hanford Groundwater Database (HGWDB) and other Hanford environmental database systems. PNL will provide DOE a proposal for remote access to the HGWDB in January 1990. Specific discussions of HEIS will be held at a later date.

7. Ecology submitted a written request for remote access to existing data in the HGWDB. Ecology has also verbally requested immediate documentation describing the existing wells. Response to be coordinated with PNL and approved by DOE-RL management.
- P. Pak/  
D. Hildebrand

Status: Documentation describing existing wells forwarded to DOE-RL by PNL. (See Action Item #6 for remote access status.)

8. Clarification is required for the terms used to describe data. Need to define: verification, validation, quality assured and quality assessed. This may affect the type of data Ecology will receive within the time limitations described in Section 101. Response to be coordinated with Ecology, EPA and DOE-RL personnel.
- R. Henckel/  
G. Main

Status: To be included in the revised Environmental Information Management Plan (EIMP). First draft for WHC internal review issued 12/20/89; second draft for DOE-RL review scheduled for 02/15/90; final issue is scheduled for 03/31/90.

9. Need to define the application and justification of the HEIS production computer. The control of software is to be described in the operational work plan.
- M. Adams

Status: Scheduled to be completed by February 1990.

10. The WHC was requested to provide a list of technical and scientific databases relevant to the Tri-Party Agreement. The list is to include names of contacts who can respond to Ecology requests for information. This information will be included in the EIMP and/or future DMP's.

G. Main

Status: Scheduled to be issued by January 26, 1990  
List to be included in the EIMP scheduled to be issued 03/31/90.

11. The data management plan contained in the operable unit work plans require revision. The data management plan should be meaningful to the specific work plan, although a generic description may wholly or partially used. The data management plan should identify the sample source (if applicable) and the flow of data through the database system(s); and where the data will reside for Ecology access. Only databases that will be used in the RI/FS process should be referenced in the work plans.

M. Adams

Status: The data management plans will be revised in relation to the comments received on the 100-HR-1 and 100-HR-3 Operable Unit Work Plans. These revisions may eventually lead to a generic plan with only site-specific aspects included in the operable unit work plan. The 100-HR-1 data management plan is currently being revised and comments should be addressed by mid-January 1990.

12. There was considerable discussion of the EIMP manual. Interest centered on the relationship of HEIS to other scientific and technical systems. Further discussion was withheld until the EIMP is revised on December 15, 1989.

G. Main

Status: Associated with the list of databases in the EIMP update will be a figure (or figures) depicting the relationship of HEIS and other specific and technical databases related to the TPA. The following schedule was planned: draft figure (11/15/89); figure reviewed by all database owners (01/15/90); figure published in EIMP update (03/31/90).

13. Travis Young (Ecology) requested copies of presentations given by Paula Cowley (Geographical Information Systems), Ed Thornton (HEIS Implementation Schedule and User Requirements), Bob Henckel, (Data Management Plan - EIMP), and Frank Calapristi (Data Systems Related to HEIS and WIDS). F. Calapristi

**Status:** Presentations by Paula Cowley, Ed Thornton and Bob Henckel are in the approval process for transmittal to Ecology. Presentation by Frank Calapristi contained in handout given to Ecology at the December 6, 1989 Remote Access Meeting.

14. There was some discussion of the problem in clearing data prior to transmittal to Ecology. One method is to clear each document, another is to clear types of data or reports. A plan of action is required to resolve this problem. N. Kenny

**Status:** A committee was formed to evaluate improvements in clearance form design, clearance process procedures and identify documents that may be excluded from the document clearance process. A status report will be provided at a later date.

15. Provide historical data in the form of RI/FS work plans and new data relevant to site characterization in the form of RI reports. M. Adams

**Status:** To be provided as required by the TPA.

16. Three subject areas are planned to be available from HEIS by the end of FY 1990 (HGWDB, WIDS, atmospheric and biota). Ecology is requested to provide a priority for adding other subject areas. T. Young

**Status:** Letter received from Ecology, dated 11/16/89. Priority of data is to follow the work plan schedule in the TPA.

17. Provide WHC with documentation for the RCRA Information System and revised copy of HEIS Users Requirements. T. Young

**Status:** Received from Ecology on 11/21/89.

18. Provide procedure for Ecology to have access to available data prior to HEIS becoming operational. M. Adams

**Status:** This will be addressed in the response to comments for the 100-HR-1 data management plan. Refer to Action Item #11.

19. Travis Young provided a preliminary statement of Washington State Department of Ecology User Requirements for HEIS. Part I will be revised and a copy will be provided to Frank Calapristi.

T. Young

**Status: TBD**

20. The technical demonstration of the HEIS and Geographical Information System (GIS) resulted in the following action items:

- o the sample numbering scheme needs to be finalized and must include methods for accommodating quality assurance samples, e.g. blanks, duplicates, replicates

P. Cowley

**Status:** The sample numbering scheme is currently being developed between PNL and the Office of Sample Management of WHC. PNL and WHC are in the process of finalizing the design to accommodate quality assurance samples. No definite completion date has been established for either of these tasks at the present time.

- o coordinate system for the site needs to be adapted to support the GIS and replace the Hanford Plant Coordination system

R. McCain

**Status:** Present procedures for surveying require all mapping coordinates to be reported in the Washington State Coordinate System, South Zone as defined in RCW Chapter 54 (1989). This is a version of the Lambert NAD 1983. Existing maps and coordinates will be converted for GIS as the data is used.

- o units of measurement need to be provided in the geology categories of HEIS.

P. Cowley

**Status:** Units of measurement will be incorporated in the design of HEIS.

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<b>Author</b>	<b>Addressee</b>	<b>Correspondence No.</b>
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**Subject:** STATUS OF ACTION ITEMS FROM THE OCTOBER 25-26, 1989, SPECIAL TOPICS-DATA MANAGEMENT MEETING

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