

AUG 8 1985

~~426.1/AE/85/08/07~~

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MEMORANDUM FOR: Malcolm R. Knapp, Chief  
 Geotechnical Branch  
 Division of Waste Management

FROM: Hubert J. Miller, Chief  
 Repository Projects Branch  
 Division of Waste Management

SUBJECT: WMRP REVIEW OF DRAFT SITE TECHNICAL POSITION (STP) ON  
 USING HYDRAZINE TO EXPERIMENTALLY SIMULATE EXPECTED HANFORD  
 SITE REDOX REACTIONS AND CONDITIONS

As requested in your June 28, 1985 memo, we have reviewed the subject STP. This STP establishes a technical position regarding a significant issue at the DOE - Hanford Site. Based on our review, we have the following comments:

- that the format be changed to be consistent with the enclosed outline and that consistent with the numbering scheme envisioned for the STP's, this position be numbered BWIP STP-3.1;
- that because the STP addresses such a significant issue that it be technically reviewed outside NMSS (e.g. RES, SNL, others); and
- that the significance of the position be more clearly stated in the Background Section of the STP. It is recommended that the importance of Eh determination at DOE/Hanford Site be described and the status of the issue prior to issuance of this STP be stated.

If you have any questions, please contact Atef Elzeftawy (x74675) of my staff.

Hubert J. Miller, Chief  
 Repository Projects Branch  
 Division of Waste Management

Enclosure:  
 Outline for Site Technical Position (STP)

WM Record File

101.6

WM Project 10

Docket No.

PDR ✓

LPDR ✓

8509100345 850809  
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 WM-10 PDR

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| NAME : AEIzeftawy | : SCoplan | : HJMiller | : | : | : | : |
| DATE : 08/9/85    | : 08/9/85 | : 08/9/85  | : | : | : | : |

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OUTLINE FOR  
SITE TECHNICAL POSITION (STP)

**Title:** Includes Topic Addressed and an Identifying Number (Number Sequentially by Site)

**Background:**

Clear Statement of Scope of the position.

Discussion of Issue including its Relationship to 10 CFR Part 60 and the Need for a Timely Staff Position.

**Technical Position:**

Statement of the Staff's Position.

**Discussion:**

Discussion of the technical basis for the Position.

**References:**

As necessary to support the Position.

## REVIEW QUESTIONS FOR STPs

### BACKGROUND

- o What is the issue?
- o What is the importance of the issue to repository performance?
- o How does the issue relate to 10 CFR 60?
- o Why is a staff position needed now?

### TECHNICAL POSITION

(At least one of the following questions should be answered)

- o What approaches to testing, test methods, investigations or data analysis are adequate to provide the information needed to resolve the issue for licensing?
- o What additional information, testing, or data collection is needed to resolve the issue?

### DISCUSSION

- o What is the technical basis for the position?
- o What is the current state of knowledge of this issue?
- o What uncertainties are associated with the issue?