

101.6

WM-10 (2)

MAR 30 1987

3101.2/PH/87/03/04

- 1 -

Mr. John H. Antonnen
Assistant Manager for Commercial Nuclear Waste
Department of Energy
Richland Operations Office
P.O. Box 550
Richland, WA 99352

Dear Mr. Antonnen:

We are in receipt of your letter dated February 23, 1987 which transmitted the DOE staff's comments on the NRC Draft Site Technical Position (STP) entitled, "Use of Hydrazine to Experimentally Simulate Expected Site Redox Conditions and Reactions."

Since the experiments being performed by the DOE utilizing hydrazine as a primary reductant are a significant factor in the characterization of the sorption capabilities of the proposed repository at the Hanford Site, the NRC considers that the disagreements between our respective staffs should be resolved as soon as possible. The NRC recommends the following interactions to allow expeditious resolution of the staff's concerns in this area:

- o A data review which would allow the NRC staff to review experimental data obtained to date, laboratory notebooks, on-going experiments, test procedures and documentation to ensure that the staff has considered all available information prior to revising the draft STP.
- o A follow-up technical meeting, if needed, to close-out remaining concerns related to the use of hydrazine.

It is recommended that these interactions take place in the May to June 1987 time frame to avoid potential programmatic delays to planned activities related to characterizing the sorption capabilities of the repository.

We appreciate your staff's efforts in reviewing and providing comments on the draft document and look forward to discussing the recommended interactions with you in the near future.

Sincerely,

JS

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

WM Record File
101.6

WM Project 10
Docket No. _____

PDR ✓
X PDR ✓ (B)
DOE/HQ

cc: J. P. Knight
Distribution: _____

(Return to WM, 623-SS)

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PDR WASTE
WM-10 PDR

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MAR 30 1987

OFFICIAL CONCURRENCE AND DISTRIBUTION RECORD

LETTER TO: John H. Antonnen
 Ass't Mgr., for Commercial Nuclear Waste
 DOE (Richland, WA)

FROM: John J. Linehan, Acting Chief
 WMRP/DWM

SUBJECT: RECEIPT OF DOE LETTER DATED FEBRUARY 23, 1987,
 TRANSMITTAL OF DOE'S STAFF REVIEW AND COMMENTS ON NRC
 DRAFT STP

DATE:

DISTRIBUTION

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RBoyle	SCoplan	JKennedy	RJohnson
PHildenbrand & r/f	KStablein	RCook	PPrestholt
GGiarratana	AGarcia (O)	DBrooks	

CONCURRENCES

ORGANIZATION/CONCUREE	INITIALS	DATE CONCURRED
WM/RP PHildenbrand	<u>PH</u>	87/3/23
WM/GT DBrooks	<u>DB</u>	87/3/27
WM/RP RJohnson	<u>RJ</u>	87/3/27
WM/RP JLinehan	<u>JL</u>	87/3/30

(Mailed by the WMDCC)
 3/30/87 12:40
 Date /... Time

FROM JH Anttonen, DOE		DATE OF DOCUMENT 2/23/87	DATE RECEIVED 3/3/87	NO WMS7108
TO John Linehan, WMRP		LTR XX	MEMO	REPORT
CLASSIF		ORIG	CC	OTHER
POST OFFICE		ACTION NECESSARY <input checked="" type="checkbox"/>		
REG NO		CONCURRENCE <input type="checkbox"/>		
DESCRIPTION (Must Be Precise Text)		NO ACTION NECESSARY <input type="checkbox"/>		
ENCLOSURES		COMMENT <input type="checkbox"/>		
REMARKS		DATE ANSWERED 3/17/87		
		FILE CODE 101.6		
		REFERRED TO	DATE	RECEIVED BY
		J. Linehan, WMRP	3/3	
		P. Hildenbrand, WMRP	3/3	
		<i>extended 3/27</i>		
		<i>closed 3/30/87</i>		
		<i>by HR to Anttonen</i>		