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OCTOBER 15, 1990
August 28, 1990

Meeting Minutes Transmittal/Approval
Unit Managers Meeting: 100-NR-1/NR-3 Operable Units
450 Hills Street, Room 47, Richland, WA
September 20, 1990

From/ Appvl.: Paul M. Pak Date: 10/19/90
Paul M. Pak, 100-NR-1 Unit Manager, DOE-RL (A6-95)

Appvl.: K. Michael Thompson (As Amended) Date: 10/19/90
K. Michael Thompson, 100-NR-3 Unit Manager, DOE-RL (A6-95)

Appvl.: Paul Day Sr Date: 17 Oct 90
Paul Day, 100-NR-1/NR-3 Unit Manager, EPA (B5-01)

Appvl.: Larry Goldstein Date: 10/17/90
Larry Goldstein, 100-NR-1 Unit Manager, WA Department of Ecology

Appvl.: Charles S. Cline (as amended) Date: 10/17/90
Charles S. Cline, 100-NR-3 Unit Manager, WA Department of Ecology

Meeting Minutes are attached. Minutes are comprised of the following:

- Attachment #1 - Meeting Summary/Summary of Commitments and Agreements;
- Attachment #2 - Attendance List;
- Attachment #3 - Action Items Status List, and;
- Attachment #4 - Letter No. 9003533B R1, R. E. Lerch to R. D. Izatt
"Potential Radiation Problem in 100-N Area, Environmental
Restoration Division (ERD) Surveillance ERD-PMP-90-087,
dated ~~July 10, 1990.~~
September 10

Prepared by: Paul Fassett Date: 10/17/90
SWEC Support Services

Concurrence by: [Signature] Date: 10/17/90
WHC NR-1, RI Coordinator

[Signature] Date: 10/17/90
WHC NR-3, RI Coordinator



9118931558

100-NR-1/NR-3 Operable Units Managers Meeting
450 Hills Street, Room 47
September 20, 1990

Distribution:

Ward Staubitz, USGS
Donna Lacombe, PRC
Doug Fassett SWEC (A4-35)
Jack Waite, WHC (B2-35)
Bob Julian, WHC (H4-55)
Tom Wintczak, WHC (B2-15)
Mel Adams, WHC (H4-55)
Rick McCain, WHC (H4-55)
Roy Gephart, PNL (K6-97)
Brian Sprouse, WHC (H4-22)
Diane Clark, DOE-RL (A5-55)
Bill Price, WHC (S0-03)
Don Kane, Battelle EMO (K1-74)
Bill Green, WHC (H4-55)
Mary Harmon, DOE-HQ (EM-442)

Ronald D. Izatt (A6-95)
Director, DOE-RL, ERD
Ronald E. Gerton
Director, DOE-RL, WMD

Roger D. Freeberg (A6-95)
Chief, Rstr. Br., DOE-RL/ERD
Steven H. Wisness
Tri-Party Agreement Proj. Mgr.
Richard D. Wojtasek (B2-15)
Prgm. Mgr. WHC

Jim Patterson, WHC
Doug Sherwood, EPA
Larry Goldstein, Ecology
Charles Cline, Ecology

ADMINISTRATIVE RECORD: 100-NR-1, 100-NR-3; Care of Susan Wray, WHC (H4-51C)

Please inform Doug Fassett (SWEC) of deletions or additions to the distribution list.

91118931559

Attachment #1

Meeting Summary and Summary of Commitments and Agreements
100-NR-1/NR-3 Operable Units Managers Meeting
450 Hills Street, Room 47
September 20, 1990

1. Bob Julian distributed letter number 9003533B R1 to the EPA and Ecology. *not correct date CSC Sept. 10, 1990*
The letter was from R. E. Lerch to R. D. Izatt and it was entitled "Potential Radiation Problem in 100-N Area, Surveillance Report, No. ERD-PMP-90-087" and dated July 10, 1990. This letter addresses the proposed solution to the potential contamination problem in the 100-N Area. Mr. Julian reported that the removal of the mulberry trees was near complete and would be followed by the application of a herbicide in the area along the riverbank.

Doug Sherwood (EPA) voiced a strong objection to the fact that the regulators were not involved in this action. Some discussion of the regulations governing this action followed. Mike Thompson (DOE-RL) stated that the action was taken cognizant of the regulations; however, ~~the question is whether the action is under CERCLA guidelines or the NRC (AEC) Atomic Energy Act.~~

*under the authority of the Atomic Energy Act, not RCRA
Best Practice authority.*

*ZMP
10/17/90*

91118931560

Attachment #2

Attendance List
100-NR-1/NR-3 Unit Managers Meeting
September 20, 1990

Name	Organization	100-NR-1 Responsibility	Phone
D. Sherwood	EPA	Unit Manager	509-376-9529
C.S. Cline	Ecology	NR-3 Unit Mgr	206-438-7556
L. Goldstein	Ecology	Unit Manager	206-438-7018
D. Fassett	SWEC	GSSC	509-376-9969
B. Drost	USGS	EPA Support	206-593-6510
D. Lacombe	PRC	EPA Consultant	206-624-2692
R. Julian	WHC	NR-1 Coord.	509-376-2539
K. Gano	WHC	100-N Env. Support	509-376-4949
B. Green	WHC	NR-3 Coord	509-376-3886

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Attachment #3

Commitments/Agreements Status List
100-NR-1/NR-3 Unit Managers Meeting
September 20, 1990

Item No.	Action	Status
NR1.2	DOE will provide a due date to OPD for the completion of the plan to remedy the contaminated vegetation. Action: Paul Pak (8/16/90)	<i>Closed</i> (10/16/90)

91118931562



Westinghouse
Hanford Company

P.O. Box 1970 Richland, WA 99352

September 10, 1990

9003533B R1

Mr. R. D. Izatt, Director
Environmental Restoration Division
U.S. Department of Energy
Richland Operations Office
Richland, Washington 99352

Dear Mr. Izatt:

POTENTIAL RADIATION PROBLEM IN 100-N AREA, SURVEILLANCE REPORT
NO. ERD-PMP-90-087

Reference: Letter, R. D. Izatt, DOE-RL, to President, WHC, "Environmental
Restoration Division (ERD) Surveillance ERD-PMP-90-087," dated
July 10, 1990.

Attached are the response and commitments to the July 10, 1990, U.S.
Department of Energy-Richland Operations Office Environmental Restoration
Division surveillance of the N-Springs area. Quarterly reports will
continue to be issued until all surveillance actions are closed out.

Should you have any questions concerning this matter, please contact
Mr. K. A. Gano of my staff on 373-4949.

Very truly yours,

R. E. Lerch

R. E. Lerch, Manager
Environmental Division

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Attachment

DOE-RL - R. D. Freeberg
R. A. Holten
R. O. Puthoff (w/o attachment)

9118931563

CONTRACTOR SURVEILLANCE REPORT RESPONSE

DOE-RL Author: P. M. Pak

Subject/Scope of Surveillance: Assess the posting requirements for N-Springs area

Surveillance Results: The following observation was noted during the surveillance and requires corrective action:

Observation ERD-PMP-90-087-001: WHC should determine the appropriate level of administrative control (fencing/markings or other alternatives) as early as possible to prevent the public from uncontrolled access to vegetation growing in the contaminated seep areas near N8T well.

Discussion and Explanation: Posting changes have been implemented along the affected N-Springs shoreline. Discussions with various regulatory agencies have been conducted concerning the ramifications of shoreline vegetation removal. Discussions with the knowledgeable WHC support personnel have been conducted to determine the practical feasibility of vegetation removal and the associated potential contamination control problems. A permanent corrective action plan is under development.

Action Plan: As a result of this surveillance, the following actions have been or will be taken:

1) **UPDATE POSTING**: The N-Springs shoreline area has received a radiation survey to determine the presence of soil and vegetation contamination. Several samples of animal feces and living plants exhibited detectable contamination. As a result, the area has been posted with "radioactive materials" signs to deter unauthorized access via land or water.

The posting upgrade also includes the affected area along the high water line. This should deter extended visits by members of the public.

STATUS: Complete 8/10/90

2) **PUBLIC DOSE**: To prevent further concern to the public, WHC is pursuing the ultimate removal of all contaminated vegetation from the N-Springs shoreline. The immediate items of concern are the edible foodstuffs, primarily the mulberry trees.

We are seeking immediate removal of these trees followed by a herbicide application program continuing as necessary. The reasoning behind immediate removal is to prevent the annual leaf dropping (and subsequent potential contamination spread) this fall.

Removing the trees would entail careful limb/branch removal ultimately leaving only enough stump standing as is necessary to apply a herbicide "paint" which would systemically kill the remaining root system.

Other contaminated vegetation would be removed or sprayed as discovered and a general herbicide spray application program would be implemented to prevent future radionuclide uptake.

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Surveillance Number: ERD-PMP-90-087

Date: September 6, 1990
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All removed materials will be handled as low-level radioactive waste. Once all the contaminated material has been removed, posting requirements will change and the now present "radioactive materials" signs could be removed.

STATUS: Schedule to be determined by September 30, 1990

Responsible Contractor Individual: R. E. Lerch