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October 22, 1990
Final

Meeting Minutes Transmittal
Unit Managers Meeting: 300 Area Solvent Evaporator
Closure Plan

Federal Building, Room G-53
Richland, Washington

Meeting Held September 20, 1990

Appvl. Clifford E. Clark Date: 10/24/90
Clifford E. Clark, Environmental Policy and Permitting, DOE-RL

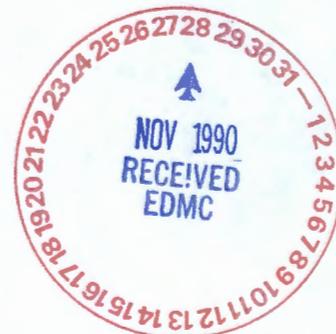
Appvl. _____ Date: _____
Daniel L. Duncan, EPA Region X Unit Manager

Appvl. David J. Watson Date: 10/24/90
David J. Watson, Contractor Representative, WHC

Appvl. Joe Witczak Date: 10/24/90
Joe Witczak, Unit Manager, Washington State Department of Ecology

PURPOSE: Discuss permitting process.

- Meeting Minutes are attached. Minutes are comprised of the following:
- Attachment #1 - Summary of Meeting Discussion and Commitments
 - Attachment #2 - Agenda
 - Attachment #3 - Attendance List
 - Attachment #4 - Commitments/Agreements Status



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NEED TO CHECK ON WHAT NAMES SHOULD BE HERE

Distribution:

9 1 1 2 0 5 4 1 5 7 0

J.D. Bauer	WHC	(B3-15)
L.A. Bracken	DOE	(A6-95)
L.C. Brown	WHC	(H4-51)
R.M. Carosino	DOE	(A4-52)
G.D. Carpenter	WHC	(H4-15)
C.E. Clark	DOE	(A6-95)
S.S. Clark	DOE	(A6-55)
S.B. Clifford	WHC	(H4-57)
C. DeFigh-Price	WHC	(B2-20)
W.T. Dixon	WHC	(B2-35)
G.T. Dukelow	WHC	(R2-97)
D.L. Duncan	EPA	(WW-W2)
C.J. Geier	WHC	(H4-57)
J.D. Hoover	WHC	(H4-57)
R.D. Izatt	DOE	(A6-95)
J. King	SWEC	(A4-35)
R.J. Landon	WHC	(B2-19)
D.W. Lindsey	WHC	(R2-82)
H.E. McGuire	WHC	(B2-35)
R.D. Pierce	WHC	(R2-80)
L.L. Powers	WHC	(B2-35)
S.M. Price	WHC	(H4-57)
L.W. Roberts	WHC	(R2-80)
R.J. Roberts	WHC	(R2-97)
F.A. Ruck III	WHC	(H4-57)
D.J. Watson	WHC	(X0-41)
E.A. Weakley	WHC	(L6-28)
S.A. Wiegman	WHC	(B2-19)
J. Witczak	Ecology	
D. Brendel	CEES	
R.G. Gant	WHC	(L6-18)

ADMINISTRATIVE RECORD (300 Area Solvent Evaporator) [Care of Susan Wray, WHC (H4-22C)]

Washington State Department of Ecology, Nuclear and Mixed Waste Library

Attachment #1
Summary of Discussion

1. NOD Discussion

Ecology handed out a draft copy of their NOD response table and requested comments on the draft document.

A. NOD #6

Ecology commented that the issue here is what the cleanup standard will be. Since listed spent solvents were treated at this unit then the cleanup standards for the listed waste would have to be to local background or detection levels. He suggested that WHC identify which wastes are listed and which are not. WHC commented that at the time the plan was written there was no guidance on what would be the action levels so they used 100 ppm. Now with the MTCA they have a bases for establishing a cleanup level and would propose to base it on a health based standard. Ecology commented that by following the MTCA you could leave a designated waste in-place and they will not allow this. They stated that the listed and character^{istic} wastes would have to be cleaned up to local background and non-listed/designated waste could be based on the MTCA and be a health based clean up level. WHC stated that they do not believe there is any problem with listed wastes but if there were small concentrations in concrete what would the health based risk be. A discussion ensued on the increased danger to the human health and the environment due to removal of slightly contaminated concrete. WHC contention is that the removal and disposal cost of concrete with contamination levels just above detection may not be warranted based on cost and increase exposure to human health and the environment. They contended that health based levels would be more protective to the environment then total removal. They can see utilizing the MTCA as a means to establish the alternative cleanup level. Ecology stated that if it wasn't a listed waste this would be the correct approach but since some of the solvents are listed clean up to background or detection is required. DOE commented that the contaminants may not be listed and may be below LDR treatment standards. If the concentrations are below the treatment standards then it may not be an issue. They suggested that the document state if they are listed waste, then clean up be to background; and if during the course of the work they are found then this issue could be addressed at that point. DOE stated that there are other options available one of which is to demonstrate no risk to human health and the environment and submit a delisting petition. Ecology stated that the approval of delisting clean up levels can not be determined until concentrations are know. WHC commented that the proposed new RCRA rules are considering changing the definition of a listed waste to concentrations that are deleterious to human health and the environment. The current WAC regulations do not state this but they would assume that they would parallel EPAs lead. Ecology responded that they did not want to hold up this

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document to see what may occur in the future and suggested that language be placed in the plan which would define DOE/WHC position. A suggested approach would be to state clean up to background or a health based level for non-listed wastes and background for listed waste with a caveat stating that if background or baseline can not be achieved then DOE reserves the right to submit a delisting petition. A discussion ensued on the definition of area background and baseline contaminate levels.

B. NOD #33

Ecology stated this comment is directed towards the designation of the wastes. Appendix C lists the solvents which were used to designate the evaporator wastes. Some of the solvents are incorrectly designated and the appendix list does not match the spill tables. Also some of the designations are based on old tables that have changed. WHC stated that some of the chemicals listed are breakdown by-products or indicators of the solvents of concern. Some of these they have no basis to indicate that they are present but wanted to present a worst case scenario.

C. NOD #23 & #34

DOE objected to the use of "dispute" in replying to these two NODs. Their position is that these have not been resolved yet but have not been elevated to a "dispute" which indicates use of the TPA dispute resolution mechanism. Ecology concurred that it was a poor selection of words but that the issue dealing with uranium still needs to be resolved.

D. NOD #24 & #25

These refer to Financial Assurance and Liability Requirements. A discussion ensued on these issues. Ecology stated that these sections could be pulled out and replaced with statements that these issues will be resolved in the site wide permit. A general agreement was reached that this could be done. This was followed by a general discussion on the likelihood of resolution of these two issues.

E. NOD #34

Ecology asked why Table 3-2 listed uranium. WHC replied that it could potentially be present in the soils and concrete due to other activities not associated with the solvent evaporator. In addition WHC CERCLA group requested that it be added. DOE commented that this is a CERCLA not a RCRA issue. A general discussion on the potential presence of uranium and the appropriateness of its addition into the clean up plan. Ecology commented that if uranium is not associated with the solvent evaporator then they do not need to address it in this context. If it is associated with the solvent evaporator then it is covered by RCRA. WHC commented that it has not been detected but to say

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it never had been associated with the solvent evaporator may not be accurate. Ecology inquired if the soil and concrete samples indicated uranium contamination and at what levels. WHC commented that in analysis of the solvent no detectable concentration of uranium was reported. The local soil would have a natural concentration and other sources besides the solvent evaporator may have contributed uranium. The only reason that uranium was left in was that Ecology wanted it left in. A discussion on the historic background for the inclusion of uranium ensued.

Agreement

Comment #34 will be deleted and uranium will be deleted from the text since it is not justified as being present in the evaporator waste.

F. NOD #35

WHC stated that they will make the indicated modification.

G. NOD #36

Ecology inquired if this comment was due to a typo. A discussion ensued on whether this was a typo. WHC commented that it appears to be a typo and will make the necessary correction.

H. NOD #31

Ecology inquired if the closures plans part A applications, and other signed documents would have the signature page updated as new people ascend into new position. DOE's position is that the signatures are those of the individuals which held the offices at the time the documents were signed off. These signatures represent the organizations behind the individual and as such the documents would not be resigned every time a change in personnel occurred. A discussion ensued on this topic. DOE stated that if major revisions to the document occurred that it would then be resigned by the cognizant individuals.

I. NOD #29

Ecology stated that the contingency plan needs to identify the location of the fire station and medical facilities. WHC inquired why the plant contingency plan would not fulfill this requirement and questioned the need for two plans. A discussion ensued on the contingency plan requirements and if they are covered by the plant contingency plan. In the discussion it was brought up that the plant's plan would not cover the activities of sampling and that the site-specific health and safety plan would cover this activity.

J. NOD #32

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Ecology commented that there is confusion on the use of 800 gallons as the capacity and the use of "treated about 600 gallons a year". WHC replied that the total capacity of the system is 800 gallons but that the systems operational capacity did not exceed 600 gallons. Ecology stated that a spill had occurred and didn't that mean that it filled up beyond 800 gallon capacity. A discussion ensued on the use of maximum capacity vs. operational capacity of the system and the correct value to be used. DOE commented that the regulatory requirement is the maximum capacity which is 800 gallons. If WHC/DOE revises the numbers then new signatures will be obtained for the closure plan.

K. NOD #37

Ecology inquired if DOE/WHC understood this NOD. A discussion ensued on the required distance from the closure area to be included in sampling for the determination of background. WHC agreed to add that background samples will be collected from a area bounded by the closure area plus 10 feet on each side.

I. NOD #38

Ecology stated what the accepted chain-of-custody protocol is for keeping samples in a "secure location" overnight. Their concern is that the current language states sample will be kept in a "restricted area" and since the entire 300 area is a "restricted area" anyone in this area could have access to the samples. WHC commented that they were told to use this as standard terminology and that they can understand the confusion that can arise over the use of storage in a "restricted area". They assured Ecology that the samples would be held in a secured area in which access is restricted and controlled. They will check to see if they can change or delete the use of the term "restricted area".

J. NOD #27 & #31

Ecology stated that this comment is going into all of the closure plans. DOE commented that when they submit revisions to the permits, permit applications or closure plans the person who is currently in the office will sign the document. Those submitted previously will not be resigned. A discussion on the resigning of the closure plan if changes to the plans take place, ensued. Ecology voiced a concern that the document needs to be resigned each time a change is made since the original signatory are responsible for the changes. WHC commented that part one (part A) doesn't change so as such it does not require resigning. DOE stated that the regulation requires a responsible corporate official to sign the application, if the official quits the company his signature still is binding for his replacement. A discussion ensued as to the difficulty for DOE/WHC to send documents through for resigning. Ecology commented that they will check with their legal counsel on this issue.

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2. NOD Replies

WHC inquired as to the time frame for receiving the formal NODs and the required time for integration into the plan and submittal back to the agency. They stated that they thought this was the last round of NODs and that the changes would now be page changes. DOE responded that they could not respond within 30 days of receiving formal transmittal of the NODs. A discussion ensued on the timing of the response to the NODs. DOE suggested that December 1, 1990 would be an achievable goal for the integration of the changes. WHC stated that they will send the page changes to Ecology and once they formally informed DOE/WHC that the changes were accepted then they will send the changes out to be added into control copies of the document.

Agreement

The next UMM will be held on October 24, 1990 at 9:00 AM in Richland, Washington.

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Attachment #2
Agenda

300 Area Solvent Evaporator
Closure Plan

Federal Building, Room G-53
Richland, Washington

September 20, 1990

No formal agenda was presented at the meeting. The discussion was structured around a draft copy of Ecologys NODs.

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Attachment #3

Attendance List

<u>Name</u>	<u>Organization</u>	<u>Phone</u> __
Dennis Brendel	CEES	509-373-5913
Cliff Clark	DOE/ERD	509-376-9333
Susan Clark	DOE	509-376-9055
Sam Clifford	WHC	509-376-5137
Mike Gasser	SWEC	509-376-9830
Richard Gant	WHC	509-376-3283
Jim Hoover	WHC	509-376-2668
Fred Ruck III	WHC	509-376-9876
Joe Witczak	Ecology	206-438-7557
Dave Watson	WHC	509-373-5819

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Attachment #4
Commitments/Agreements Status

300 Area Solvent Evaporator Closure Plan

Action Items Commitments/Agreement Status List

Agreement Comment #34 will be deleted and uranium will be deleted from the text since it is not justified as being present in the evaporator waste.

Agreement The next UMM will be held on October 24, 1990 at 9:00 AM in Richland, Washington.

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