

MEMORANDUM FOR: Malcolm R. Knapp, Director  
Division of Radiation Safety and Safeguards  
Region I

89 DEC 1989

Charles E. Norelius, Director  
Division of Radiation Safety and Safeguards  
Region III

FROM: Richard L. Bangart, Director  
Division of Low-Level Waste Management  
and Decommissioning, NMSS

SUBJECT: ADDITIONAL INFORMATION AND PLANNING FOR DECONTAMINATION  
PRIORITIES

This memorandum supplements the transmittal sent to you under G. L. Sjoblom's signature dated December 26, 1989, on the same subject.

Attachment 1 identifies additional information that will be necessary, if available, to appropriately prioritize sites in need of decontamination. We recognize that the level of detail associated with this additional request may be such that you may not be able to provide this information by January 5, 1990. Nevertheless, please do not delay transmitting the information that you will have available by the January 5 date. Our tentative current plan is to have staff from this Division meet with knowledgeable regional staff to discuss these sites during the weeks of January 8 and 15, 1990.

For your review and additional perspective, Attachment 2 is the December 19, 1989, memorandum that initiated the Site Decontamination Program Plan (SDP Plan) development effort. We recognize that this high priority effort to develop the SDP Plan and subsequent actions to initiate additional decontamination efforts at priority sites may require reprogramming of resources. This issue will be addressed as we refine the estimate of resources that will be needed to implement the SDP Plan.

Tim Johnson, Decommissioning Section Leader in LLWM, is the primary contact for SDP Plan development. He can be reached on 492-0558 or I may be contacted at 492-3340.

(SIGNED) RICHARD L. BANGART

Richard L. Bangart, Director  
Division of Low-Level Waste Management  
and Decommissioning, NMSS

Enclosures: As stated

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SUBJECT ABSTRACT: ADDITIONAL INFORMATION AND PLANNING FOR DECONTAMINATION  
PRIORITIES

OFC : NMSS/LLWM : NMSS/LNMS

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## CSP INPUT COMMENTS

- 1 -

Additional Input Needed Under Sjoblom Memorandum

## 1. Under Item 2, "Site Description"

A description of the groundwater system should also be provided if information is available (e.g., aquifer depth, aquifer use, location of nearest drinking water wells, existence of groundwater monitoring wells, summary of groundwater sampling data, groundwater dose estimates).

## 2. Under Item 4, "Immediate Threat"

The discussion of the threat should be more detailed than a brief statement. It should specifically address the type of hazard (e.g., inhalation, ingestion, intrusion, groundwater, occupational) referencing the types of radioactive materials in the contaminated areas, and any actual or potential human exposures.

## 3. Under Item 5, "Waste Forms and Quantities"

The discussion should provide information on the types of nuclides present, nuclide concentrations or exposure rates, and the likelihood for migration in airborne or groundwater systems (e.g., leachability, dispersibility, solubility, transportability, etc.). If soil is contaminated, information on the depth of contamination should be provided. If disposals have taken place, a discussion of the disposal methods (e.g., burial, discharge into sewers or other drains, etc.) and wastes disposed should be included.

## 4. Under Item 6, "Decon. Plan Status"

The decontamination plan discussion should also include whether groundwater protection was or was not addressed in the plan.

## 5. Financial Assurance

A review of the licensee's possession limits should be performed to determine what financial assurance provisions will be required under the June 1988 decommissioning rule. If a Decommissioning Funding Plan is needed, the date of the next license renewal should be provided.