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 KRIMM, R. W. Federal Emergency Management Agency
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 CONGEL, F. J. Division of Radiation Protection & Emergency Preparedness

SUBJECT: Provides progress rept re 870812 remedial exercise of State
 of Washington Offsite Radiological Emergency Preparedness
 Plans for facility. Evaluation of 870812 exercise encl. FEMA
 finding that public safety not protected reaffirmed.

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Federal Emergency Management Agency

Washington, D.C. 20472

DEC - 2 1987

MEMORANDUM FOR: Frank J. Congel
Director
Division of Radiation Protection and
Emergency Preparedness
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission

FROM: *William P. Mark, Jr.*
Richard W. Krimm
Assistant Associate Director
Office of Natural and Technological
Hazards Program

SUBJECT: Progress Report: Report of the August 12, 1987, Remedial
Exercise of the Washington Offsite Radiological Emergency
Preparedness Plans for the WNP-2 Nuclear Power Plant.

On February 19, 1987, the Federal Emergency Management Agency (FEMA) transmitted to the U. S. Nuclear Regulatory Commission (NRC) the report of the September 18, 1986, exercise of the State of Washington offsite radiological emergency plans for the WNP-2 Nuclear Power Plant. This was a joint, full participation exercise for the State and Benton and Franklin Counties. These two counties are impacted by the WNP-2 10-mile plume exposure emergency planning zone (EPZ).

In the September 18, 1986, exercise there were six deficiencies and one plan inadequacy observed. The original exercise report also indicated that other plan revisions would be required. Based on the exercise deficiencies and the need for plan revisions, FEMA withheld a finding of reasonable assurance that the public health and safety can be protected, pending the results of the scheduled corrective actions.

On October 22, 1987, I transmitted to you a Progress Report on the April 14, 1987, remedial exercise that resolved most of the exercise and plan deficiencies noted above. The report was prepared by FEMA Region X and dated September 25, 1987. As indicated, there has been considerable progress in the improvement of offsite radiological emergency preparedness.

An additional remedial exercise was held on August 12, 1987. In that remedial exercise, the objective to demonstrate the organizational ability and resources necessary to manage an orderly evacuation of all or part of the plume Emergency Planning Zone was not met. The attached report on this exercise, prepared by FEMA Region X, was transmitted to us on November 18, 1987, and cited this unmet objective as a new Deficiency. Additionally, the remedial exercise failed to meet its original purpose to demonstrate the ability and resources to alert the public, and disseminate appropriate instructions to the public, in the Horn Rapids Area on the Yakima River (Outdoor Recreation Vehicle Park) within 45 minutes. This was not considered an exercise deficiency. It is considered a plan inadequacy in that inadequate (secondary or ad hoc) resources were assigned in the Plan to complete the alert and notification procedure within the appropriate time frame.

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A remaining deficiency was addressed in a remedial exercise conducted on June 3, 1987, that was concerned with the failure to meet the 45-minute criterion related to alerting and notifying the public (transients using the Columbia River) in the 5- to 10-mile portion of the WNP-2 EPZ. This remedial exercise is still undergoing analysis and processing by FEMA. However, current analysis by FEMA indicates there is still a considerable amount of improvement to be achieved in offsite radiological emergency planning and preparedness before the negative finding stipulated in the FEMA memorandum of February 19, 1987, can be reversed. Therefore, FEMA continues to withhold a finding of reasonable assurance that the public health and safety can be protected, pending the results of FEMA processing and evaluation of the June 3, 1987, remedial exercise. When FEMA completes its evaluation, we will advise NRC of the results.

If you have any questions, please feel free to contact me at 646-2871.

Attachment
As Stated



Federal Emergency Management Agency

Region X

Federal Regional Center

Bothell, Washington 98021-9796

November 18, 1987

MEMORANDUM FOR: DAVE McLOUGHLIN, DEPUTY ASSOCIATE DIRECTOR
STATE & LOCAL PROGRAMS & SUPPORT

FROM: Wm. H. Mayer
Regional Director

A handwritten signature in dark ink, appearing to read "Wm. H. Mayer", is written over the printed name.

SUBJECT: WNP-2 Nuclear Power Plant Remedial Exercise (8/12/87)

In accordance with the policies and particulars established in the SLPS memorandum of August 5, 1983, 44 CFR 350.9, and Guidance Memorandums EX-1 and PR-1, attached is FEMA RX's report on the WNP-2 Nuclear Power Plant Remedial Exercise that was held on August 12, 1987.

It is the Region's assessment that this exercise provided adequate opportunity to test response capabilities of the various organizations.

It is our position, based upon this evaluation and overall assessment of preparedness issues, that the previously stated response deficiency was not adequately addressed. We also note that a new deficiency was identified.

The recommendations for corrective actions have been discussed with the exercise participants and preliminary concurrence in our evaluation and recommendations has been indicated by all response agencies and FEMA National.

In accordance with 44 CFR 350.12, it is the Region's position that before we can state that reasonable assurance for the general public's health and safety is afforded, we require review of remedial actions and evaluation of the remaining remedial drill report (6/3/87). We therefore withhold our assessment. We will advise your office when these items are completed to FEMA RX's satisfaction.

If there are specific questions, contact Richard W. Donovan of the Natural and Technological Hazards Division staff.

Attachment

Copies to:

✓ Kenneth Green, SL-NT-TH (2 copies Report)
Margaret Lawless, SL-NT-TH
Regional Operations