

UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

AUG 2 1973

Docket No. 50-245

The Millstone Point Company  
ATTN: Mr. D. C. Switzer  
President  
P. O. Box 270  
Hartford, Connecticut 06101

Gentlemen:

As discussed during our meetings on May 22, 1973, and June 20, 1973, concerning the repair of the feedwater sparger at the Millstone Nuclear Power Station Unit 1, we are concerned with the number of personnel that were exposed and the level of exposures incurred as a result of the associated operations. We received preliminary personnel radiation exposure data from your staff on the actual and predicted man-Rem doses through June 26, 1973.

Additional and more detailed information on your experience with a major maintenance and repair project in regard to radiation protection in practice is requested. Your report on the subject should include: (1) the number of personnel (plant and contractor) with their exposures and duty function for the project in the format given in Specification 6.6.A.9, "Occupational Personnel Radiation Exposure", (2) a description of the techniques employed to reduce personnel exposures such as pre-job planning, use of mockups, decontamination and temporary shielding, etc., (3) a discussion of specific procedures and techniques that you would recommend for use on similar projects to reduce personnel radiation exposures to as low as practical, and (4) your estimate of the man-Rem dose reduction that could have been made using additional prejob planning, training, etc., based upon your experience with the feedwater sparger repairs.

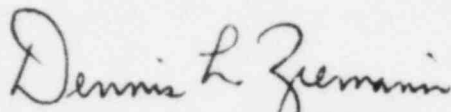
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Please submit this information within ninety (90) days. This information should be provided with one signed and thirty-nine additional copies. Thank you for your cooperation in this effort to obtain and evaluate the actual radiation exposure to personnel during an actual special plant maintenance project.

Sincerely,



Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Directorate of Licensing

cc: Mr. Anthony E. Wallace, Pres.  
The Connecticut Light & Power Co.

Mr. J. R. McCormick, Pres.  
The Hartford Electric Light Co.

Mr. Robert E. Barrett, Jr., Pres.  
Western Massachusetts Electric Co.

Mr. William H. Cuddy  
Day, Berry & Howard

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