

Indian Point 3  
Nuclear Power Plant  
P.O. Box 215  
Buchanan, New York 10511

914-736-8000



IP3-RES-94-250  
July 27, 1994

Mr. Joseph F. Marcogliese  
Environmental Engineer III  
New York State Department of Environmental Conservation  
200 White Plain Road, 5th Floor  
Tarrytown, New York 10591-5805

Mr Marcogliese:

In your letter of July 22, 1994, you requested some background information relating to the sodium hypochlorite release from the Indian Point 3 Nuclear Power Plant. This information is provided herein.

1. The tank which is the only storage container used for sodium hypochlorite storage at IP3 has a maximum capacity of 1500 gallons. Our annual usage of (12%) sodium hypochlorite is approximately 24900 gallons (based on 1993 usage).
2. The sodium hypochlorite tank's secondary containment consists of 1/4" painted plate steel. Capacity of the bermed area surrounding the tank is 556 gallons; the capacity of the secondary containment [including the portion of the tank below the top of the berm] is 1455 gallons.

The piping which broke, causing the discharge of the sodium hypochlorite was fiberglass and did not have secondary containment.

Plans for the replacement system have not been finalized; they are in the conceptual design stage. We believe that the new piping system will consist of aboveground double-piping or it will be placed within an underground lined concrete vault. Once the final decision is made, we will let you know.

3. Enclosed please find our Oil SPCC Plan, as well as our HazMat Standard Operating Procedure, as requested.

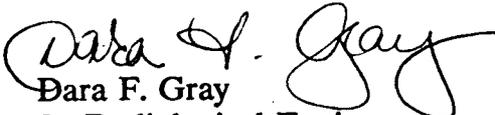
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Mr. J. Marcogliese  
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Should you have any additional questions, please call me at (914)736-8414. I will contact you with the information regarding the replacement piping system, once the engineering evaluation is complete.

Sincerely,

  
Dara F. Gray  
Sr. Radiological Engineer

cc: Mr. Thomas T. Martin  
Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, Pennsylvania 19406-1415

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
Indian Point 3 Nuclear Power Plant

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