

Murray Selman  
Vice President

Consolidated Edison Company of New York, Inc.  
Indian Point Station  
Broadway & Bleakley Ave.  
Buchanan, NY 10511  
Telephone (914) 737-8116

April 11, 1986

Re: Indian Point Unit Nos 1 & 2  
Docket No. 50-247

Dr. Thomas E. Murley  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

SUBJECT: Inoperable High Pressure Water Fire Protection System

Dear Dr. Murley:

Technical Specification 3.13A.3.b.(ii) requires a Special Report within fourteen (14) days if the high pressure water fire protection system becomes inoperable. On March 28, 1986, the diesel fire pump and two electric fire pumps were out of service, rendering the high pressure water fire protection system inoperable.

On March 11, 1986 electric fire pump No. 11 and two associated pressure maintenance pumps were taken out of service in conjunction with scheduled work to replace pipe sections of the 10" fire protection loop located in the Unit No. 1 Turbine Building. (See Con Edison, M. Selman to T. Murley, April 7, 1986.) Electric fire pump No. 12 was used to maintain pressure in the remainder of the fire water system. On March 27, 1986 a leak developed in No. 12 pump seal which required taking the pump out of service for repair. The diesel fire pump was then used to maintain the fire water system pressure.

On March 28, 1986, at 1:45 p.m., the diesel fire pump tripped and could not be restarted. Work was initiated immediately to determine the cause of the trip. Concurrently, the local fire department was notified, all hot work (cutting, welding, burning and open flames) was suspended and three (3) roving fire watches were established. At approximately 6:15 p.m. a loose wire on the diesel fire pump engine governor was discovered and reconnected. The diesel successfully started and a post maintenance test was initiated. The diesel fire pump and the No. 12 pump were returned to service at 8:00 p.m. (See Con Edison, M. Selman to T. Murley, March 31, 1986.)

To support additional maintenance on No. 12 pump, which began April 2, and reduce service requirements for the diesel fire pump a temporary bypass connection between the high pressure water fire protection system and the pressure maintenance pumps was installed. This permitted the maintenance pumps to be utilized to maintain pressure in the system. No. 12 pump will return to service April 12.

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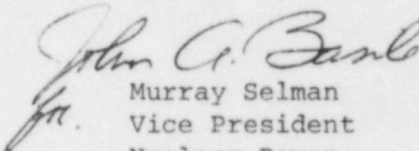
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On April 10, 1986 it was necessary to temporarily defer completion of the maintenance started on March 11. The temporary bypass was removed and the No. 11 fire pump and the pressure maintenance pumps were returned to normal service. The maintenance will resume in late April with approximately 35 days of work remaining.

If you have any questions, please contact us.

Sincerely yours,

  
Murray Selman  
Vice President  
Nuclear Power

17.190.4.8.1

cc: Resident Inspector  
U.S. Nuclear Regulatory Commission  
P.O. Box 38  
Buchanan, NY 10511