



Consumers  
Power

**POWERING  
MICHIGAN'S PROGRESS**

Big Rock Point Nuclear Plant, 10269 US-31 North, Charlevoix, MI 49720

William L. Beckman  
Plant Manager

November 30, 1990

Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

DOCKET 90-155 - LICENSE DPR-6 - BIG ROCK POINT PLANT -  
RESPONSE TO GENERIC LETTER 89-13 - SERVICE WATER SYSTEM PROBLEMS AFFECTING  
SAFETY-RELATED EQUIPMENT

Consumers Power Company letter to the Nuclear Regulatory Commission dated January 29, 1990, provided a schedule of plans for implementation of Generic Letter 89-13 actions. As requested by Generic Letter 89-13, this letter provides confirmation that all the actions described in Attachment 2 to our January 29, 1990 letter have been completed.

During the 1990 Refueling Outage, the Fire Water Header developed a minor "pinhole" leak. A spool piece was removed from that section of header to repair the deficiency. Upon examination of the pipe, a portion of the interior surface had nodules of what appears to be corrosion buildup. This condition was contrary to that observed during the 1987 inspection of the main fire loop as discussed in our January 29, 1990 response. Testing performed during the outage showed that flows were acceptable for Core Spray performance and inspections of the basket strainers did not identify a blockage concern.

Visual examination and wall thickness measurements show the carbon steel pipe to be in good condition except for the slow growth corrosion nodules. Although this condition has not affected system performance, we will continue to evaluate the cause and take appropriate actions.

William L. Beckman  
Plant Manager

CC: Administrator, Region III, USNRC  
NRC Resident Inspector - Big Rock Point

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