



Palisades  
Plant  
Company

General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • Area Code 517 788-0550

July 22, 1974

Mr. John F. O'Leary, Director  
Directorate of Licensing  
US Atomic Energy Commission  
Washington, DC 20545

Re: Docket 50-255  
License DPR-20  
Palisades Plant

Dear Mr. O'Leary:

This letter is written to provide a preliminary report of an abnormal occurrence (No 74-14) which occurred at the Palisades Plant on July 11, 1974. This abnormal occurrence report involves High-Pressure Safety Injection Pump P-66 A.

During quarterly testing of the high-pressure safety injection pump, the shutoff discharge pressure was sufficiently below rated to raise the question of possible pump degradation. Shutoff during the original manufacturer's test was 2,850 feet of water while during the quarterly test the shutoff head was observed to be 2,537 feet of water.

A pump head test was performed on July 19, 1974 to determine if pump flow characteristics had been effected. This test revealed that the actual pump head was less than the manufacturer's head curve throughout the operating range.

The pump will be disassembled and inspected to determine the cause of the flow degradation. This disassembly and inspection will be completed prior to returning the plant to service. An abnormal occurrence report will be submitted in the format described in Regulatory Guide 1.21 after completion of these investigations and prior to returning the plant to service.

This abnormal occurrence has been assigned No 74-14. The previous abnormal occurrence report submitted in this format was assigned No 74-12. For plant record purposes, the events described in the report entitled "Palisades Plant Waste Gas Handling System" have been assigned Abnormal Occurrence Report No 74-13. This report was

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Mr. John F. O'Leary  
Palisades Plant  
July 22, 1974

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submitted to Mr. James G. Keppler July 3, 1974, with a copy to the  
Directorate of Licensing.

Yours very truly,

*Ralph B. Sewell*  
for

RBS/mel

Ralph B. Sewell  
Nuclear Licensing Administrator

CC: JGKeppler, USAEC