

JUL 14 1980

Iowa Electric Light and Power Company
July 10, 1980
DAEC - 80 - 320

Mr. James G. Keppler, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Subject: Special Report on Diesel Fire Pump

File: A-118a, TE-4

Dear Mr. Keppler:

This special report is submitted in accordance with DAEC Technical Specifications, Appendix A, paragraph 3.13.B.2. The following describes the repairs which were made to diesel fire pump 1P-49 which resulted in the pump being out of service for more than seven days.

Problem

At 0957 hours on June 10, 1980 the diesel fire pump was taken out of service to perform maintenance on the pump packing and shaft sleeve. Upon removal of the shaft sleeve and right angle drive, it was discovered that the top spider was broken. After removal from the circulating water pit, the pump was inspected to determine the extent of the damage. It was found that the pump shaft and spiders had to be replaced and that the impellers would have to be repaired due to wear. New wear rings were required in addition to new shaft bearings. Since the repair work was more extensive than originally anticipated, the diesel fire pump was inoperable for a period greater than seven days.

Corrective Action

At 0932 hours, prior to taking the diesel fire pump out of service, the electric fire pump operability test was run to ensure its reliability during the period when the diesel fire pump would be inoperable. This operability test was thereafter run daily in accordance with Technical Specifications, paragraph 4.13.B.2. The repair work to the pump was completed, and the pump was tested and returned to service on July 2, 1980. No further corrective action is planned on this matter.

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If you have any questions or desire further information please contact this office.

D. L. Mineck/By
D. L. Mineck
Chief Engineer
Duane Arnold Energy Center

DLM/JVS/rs

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 KEPPLER, J.G. Region 3, Chicago, Office of the Director

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SUBJECT: Submits special rept re repairs on Fire Pump IP-49 which resulted in pump being out of svc longer than Tech Spec limit. Repair work more extensive than anticipated when shaft & spiders found to be worn. Pump repaired.

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