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 MINECK,D.L. Iowa Electric Light & Power Co.  
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SUBJECT: RO:on 800515,standby diesel generator day tank room  
 sprinkler sys removed from svc for mod.Mod work took longer  
 than anticipated & sprinkler sys inoperable for more than 14  
 days.Fire watch established until mod was completed.

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Iowa Electric Light and Power Company

June 9, 1980

DAEC - 80 - 271

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 the Standby Diesel Generator  
Day Tank Room Fire Protection Sprinkler System

File: A-118a, NRC-1, NRC-7

Dear Mr. Keppler:

This special report is submitted in accordance with the requirements of DAEC Technical Specifications, Appendix A paragraph 3.13.c.3. The following describes the sprinkler modification work which was not completed in the required 14 days and the corrective actions taken to ensure the safety of the plant while this system was inoperable and to restore the standby diesel generator (D/G) day tank room sprinkler system to its full capability.

Problem

At 0631 hours on May 15, 1980 the standby D/G day tank room sprinkler systems were removed from service for modification work. The D/G day tank room fire protection system modification work included replacing the existing ½" wet-pipe sprinkler system with a combination fusible-link sprinkler/pre-action deluge system with thermal detectors and adding eight additional sprinklers for each D/G room. Since this modification work took longer than anticipated, the day tank room sprinkler systems was inoperable for a period for greater than 14 days.

Corrective Action

At 0631 hours upon shutting down the D/G day tank room sprinkler system, a fire watch was established in accordance with Technical Specifications paragraph 3.13.c.2.a. The modification work was

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completed and the D/G day tank room sprinkler/deluge system was returned to service at 1045 hours on May 31, 1980. The fire watch was terminated at that time. No further corrective action is planned on this matter.

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

Very truly yours,



D. L. Mineck  
Chief Engineer  
Duane Arnold Energy Center

DLM/DWT/rs

cc: D. Wilson  
D. Tooker  
NRC Resident Inspector - DAEC