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UNITED STATES NUCLEAR REGULATORY COMMISSION
DIRECTOR OF INSPECTION AND ENFORCEMENT
REGION II
SUITE 3100
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ATLANTA, GEORGIA 30303



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USNRC REGION II
ATLANTA, GEORGIA

SUBJECT: Hatch Unit 1 and Unit 2, Docket No. 50-321 and 50-366, Notification
of Reportable Occurrence No. 50-366/1981-124, Rev. 1.

NOTIFIED: A. Hardin

DATE: 12-17-81

DATE: 12-17-81
TIME: 1556 EST

REGIONAL DIRECTOR
DEPUTY DIRECTOR
ASSISTANT TO DIRECTOR
DIRECTOR, RRPI
DIRECTOR, EPOS
DIRECTOR, ENF/INV
DIRECTOR, ETI
PUBLIC AFFAIRS OFFICER

DESCRIPTION OF REPORTABLE OCCURRENCE

Initial Condition

At the time of occurrence, December 15, 1981, at 0745 CST, Unit 1 was in normal operation at 99% power and Unit 2 was in normal operation at 97% power.

Nature of Occurrence

A fire main ruptured at 0230 EST, fire pumps started and tank levels started dropping. In responding to the associated annunciators, investigation by PEO's revealed a fire main leak in the low voltage switchyard of Unit 2. Leak was isolated at 0257 EST and tank level Tech Specs 3.13.2 were violated, and reduced each tank level to 200,000 gallons each. Tank levels were restored to Tech Specs by 0400 EST. As a result, a review was being made concerning the status of the redundant system.

During this review, the Operations Dept. was informed by the site Fire Protection Specialist that the redundant (East) fire main had been previously isolated for repair of leaks and new main construction. Once this was determined the valves isolating Unit 2 East feeder line was opened, and Unit 2 spray sprinkler and hose stations systems restore to service at 0945 EST.

As a result of this time (approximately 9 hours) involving the system review, the Operations Dept. was unaware that Unit 2 systems were isolated. Fire main in Unit 2's areas were the only area isolated. Unit 1 systems and mains were normal. As a result, a continuous fire watch and backup fire suppression for the unprotected areas was not restored within 1 hour per Tech Specs requirements 3.7.6.1.c, 3.7.6.2.a, and 3.7.6.4.a. Also the 24 hour verbal report which was due by 0745 EST on December 16, 1981, was late, because all the pertinent data concerning this event had not been acquired until the morning of the December 16, 1981. After the data had been reviewed a deviation report was issued. Due to this incident the 24 hour verbal report required was late.

Immediate Corrective Action

Clearance on the valves isolating Unit 2 feeder was released and the system was restored to normal at 0945 EST.

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Cause

A leak had occurred in the plant fire protection main loop on the southeast side of the plant and that portion of the loop, which included one of the two feedlines to Unit 2 areas was isolated on 10-22-81. At the same time a new fire main was being installed in the same area which required the area to be isolated until 12-16-81. As a result the isolation of the main on the West side of the loop, resulted in the Unit 2 areas being isolated, on 12-15-81.

Supplemental Corrective Action

A more positive control means will be developed to track fire system outages.

Status of Redundant or Backup Systems

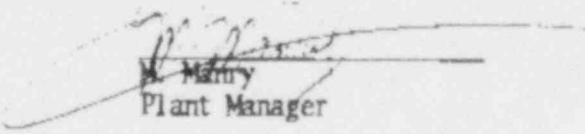
No backup systems available

Impact to Other Unit

Due to fire main leak, Unit 1 had violated Tech Spec requirements 3.13.2. requiring 270,000 gallons per tank to meet Tech Spec requirement.

Justification for Continued Operation

Fire protection requirement are now fully in compliance.


M. Matry
Plant Manager