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SUBJECT: HATCH UNIT 2 DOCKET NO. 50-356, CONFIRMATION OF NOTIFICATION OF
SPECIAL REPORT

NOTIFIED: ROSS F. ROGERS

DATE: 7-19-79

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TIME: 1510 C.S.T.

Initial Condition

On 7-18-79 AT ABOUT 2200 HRS DURING OPERATION OF UNIT 2 AT 1052 MW (323 MW) IN UNIT 1 SHUTDOWN FOR RELEVELING/MAINTENANCE, THE UNIT 2 CIRCULATING WATER SYSTEM WAS BEING CHLORINATED. WATER FOR THE CHLORINATION PROCESS WAS OBTAINED FROM THE FIRE PROTECTION SYSTEM SINCE THE NORMAL SOURCE OF WATER WAS UNAVAILABLE DUE TO UNIT 1 BEING SHUTDOWN.

Nature of Occurrence:

At ABOUT 2700 CST THE WATER LEVELS IN THE TWO FIRE TANKS DECREASED TO BELOW THE REQUIRED LEVEL OF 270,000 GALLONS AS REQUIRED IN UNIT 1 TECH SPEC SECTION 3.13.2 AND UNIT 2 TECH SPEC SECTION 3.7.C.1. IT IS ESTIMATED THAT AT LEAST 25,000 GALLONS AND 230,000 GALLONS WERE IN THE TANKS WHEN THE LOW LEVEL WAS DISCOVERED.

Immediate Corrective Action:

All FIRE TANK LEVELS WERE RETURNED TO GREATER THAN 270,000 GALLONS WITHIN ONE HOUR AFTER DISCOVERY OF THE LOW LEVELS.

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Use:

DEEP WELL PUMPS WHICH SUPPLY WATER TO THE FIRE TANKS HAD OVERPRESSURIZED & TRIPPED. HAD THEY NOT TRIPPED, THESE PUMPS WOULD HAVE HAD ADEQUATE FLOW CAPACITY TO KEEP UP WITH THE CHLORINATION REQUIREMENTS.

ANALYSIS OF THE PROBLEM: THE SOURCE OF WATER SUPPLY FOR THE CHLORINATION SYSTEM IS BEING ENGINEERED TO ELIMINATE THE NEED FOR USING FIRE PROTECTION WATER FOR CHLORINATION OF UNIT WHEN THE UNIT 1 CIRCULATING WATER SYSTEM IS OUT OF SERVICE.

INVESTIGATION WILL BE MADE TO DETERMINE THE CAUSE OF THE OVERPRESSURIZATION
THE DEEP WELL PUMPS.

SERVICE WATER CROSS-TIE WITH THE FIRE PROTECTION SYSTEM WAS AVAILABLE DURING THE PERIOD OF LOW LEVEL.

FIRE TANK LOW LEVELS IMPACTED BOTH UNITS SINCE THE FIRE PROTECTION SYSTEM COMMON TO BOTH UNITS.

LEVEL IN THE FIRE TANKS WERE RETURNED TO NORMAL WITHIN ONE HOUR AFTER THE
ARREST.

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John A. Henry
Plant Manager