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Robert A. Fenech
Vice President, Sequoyah Nuclear Plant

February 14, 1994

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of)	Docket Nos. 50-327
Tennessee Valley Authority)	50-328

SEQUOYAH NUCLEAR PLANT (SQN) - UNITS 1 AND 2 - FACILITY OPERATING
LICENSES DPR-77 AND DPR-79 - SPECIAL REPORT 94-01

The enclosed special report provides details concerning the inoperability of fire detection instruments in Fire Zone 277 over Essential Raw Cooling Water (ERCW) Pump Motor M-B. The detectors were inoperable for a period greater than the technical specification (TS) allowable timeframe. Details concerning the inoperability of a fire suppression water system supplying two fire hose stations in the turbine building are also provided. This report is being submitted in accordance with TS Action Statements 3.3.3.8(b) for the detection instruments and 3.7.11.4(a) for the hose stations.

If you have any questions concerning this submittal, please telephone C. H. Whittemore at (615) 843-7210.

Sincerely,

Robert A. Fenech

Enclosure
cc: See page 2

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U.S. Nuclear Regulatory Commission

Page 2

February 14, 1994

cc (Enclosure):

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ENCLOSURE

SEQUOYAH NUCLEAR PLANT UNITS 1 AND 2 SPECIAL REPORT 94-01

I. FIRE DETECTORS IN ZONE 277

Description of Condition

On December 30, 1993, with Unit 1 in Mode 5 coming out of a refueling outage and Unit 2 in Mode 1, two thermal fire detectors in Fire Zone 277 were removed from service. The detectors are located in the essential raw cooling water (ERCW) pumping station over ERCW Pump M-B. The detectors were nonfunctional for a period of time that exceeded the technical specification (TS) allowable timeframe.

Cause of Condition

The fire detection instrumentation was removed from service to facilitate the removal and repair of ERCW Pump M-B. The planned maintenance activity exceeded the TS allowable timeframe of 14 days.

Corrective Action

In accordance with Limiting Condition for Operation (LCO) 3.3.3.8 Action Statement (a), a roving fire watch was established and maintained for the duration of the maintenance activity. The detectors were returned to service on January 23, 1994, at 1535 Eastern standard time.

II. FIRE HOSE STATIONS 1-26-617 AND 618 INOPERABLE

Description of Condition

On January 4, 1994, with Unit 1 coming out of a refueling outage, two fire hose stations (1-26-617 and -618) in the turbine building on Elevation 685.0 were taken out of service. The high pressure fire protection (HPFP) hose stations were taken out of service because the four-inch HPFP header supplying the two fire hose stations was leaking and in need of repair.

Cause of Condition

The time necessary to effect the repair and replacement of the HPFP header exceeded the TS allowable timeframe.

Corrective Action

In accordance with LCO 3.7.11.4, temporary fire hoses were provided as compensatory measures until the hose stations are returned to service. Also, a roving fire watch was established and will be maintained until the fire hose stations are returned to service.