

TENNESSEE VALLEY AUTHORITY

Sequoyah Nuclear Plant  
Post Office Box 2000  
Soddy Daisy, Tennessee 37379

August 7, 1984

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

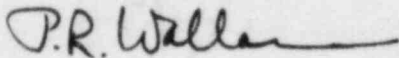
Gentlemen:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 1 - DOCKET NO.  
50-327 - FACILITY OPERATING LICENSE DPR-77 - SPECIAL REPORT 84-03

The enclosed special report provides details concerning the inoperability of the fire detector in the mechanical equipment room of the auxiliary building in excess of fourteen days. This report is submitted in accordance with Sequoyah Unit 1 Technical Specifications 3.3.3.8 and 6.9.2.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



P. R. Wallace  
Plant Manager

Enclosure  
cc (Enclosure):

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SEQUOYAH NUCLEAR PLANT  
UNIT 1  
SPECIAL REPORT  
84-03

Event Description and Cause

A fire detector was made inoperable when water for drill cooling dripped onto the detector making it inoperable. The drilling is being done to modify the mechanical equipment room in the auxiliary building to become the new fifth vital battery (125V) room. The fire detectors in this room are not necessary to be in service at this time due to the occupancy of the room. The detectors are required due to the minimum number of detectors required to be operable as specified in technical specifications.

Corrective Action

The requirement for an hourly roving fire watch as specified in technical specifications is being met. The involved fire detector will be restored to functional status and verified operable after completion of the modification to install the new 125V vital battery. The roving fire watch will be maintained until the fire detector is declared operable.