

OFFICIAL COPY

1750 Chestnut Street Tower II

June 19, 1981

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 1 - DOCKET
NO. 50-327 - FACILITY OPERATING LICENSE DPR-77 - SPECIAL REPORT 81-5

The enclosed special report provides information concerning a fire
door being non-functional for a period in excess of seven days. This
report is submitted in accordance with Sequoyah unit 1 Technical
Specification 3.7.12.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. A. Green
H. J. Green

Director of Nuclear Power



Enclosure (3)

cc (Enclosure):

Director (3)
Office of Management Information and Program Control
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Director (40)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Mr. Bill Lavalley
Nuclear Safety Analysis Center
Palo Alto, California 94303

NRC Inspector, Sequoyah

IE22
5.11

8108030323 810619
PDR ADDCK 05000327
S PDR

SEQUOYAH NUCLEAR PLANT
SPECIAL REPORT 81-5
UNIT 1

Event Description

Door A62, located in the Auxiliary Building between the Unit 1 valve gallery and the Component Cooling Pump area, has been non-functional for a period in excess of seven (7) days.

Probable Cause

The fire door forms part of the Interim Auxiliary Building Secondary Containment Enclosure (IABSCE) boundary which remains in effect until completion of Unit 2 construction. During periods of preoperational testing on Unit 2, the dP across the door is extremely high and the direction of the dP is not consistent. During these periods of high dP, the door cannot be closed without causing damage. At present, the door frame has been damaged beyond repair and prevents the door from completely closing and latching.

Corrective Actions

Fire watch coverage was initiated in accordance with limiting condition for operation 3.7.12.a and will remain in effect until the door is repaired. A new door frame has been ordered and the door will be repaired upon delivery.

The periods of high dP cannot be alleviated until preoperational testing of Unit 2 is completed.