DUKE POWER COMPANY

Power Building 422 South Church Street, Charlotte, N. C. 28242

WILLIAM O. PARKER, JR. VICE PRESIDENT STEAM PRODUCTION

February 8, 1979

TELEPHONE: AREA 704 373-4083

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

Re: Oconee Unit 1 Docket No. 50-269

Dear Mr. O'Reilly:

Pursuant to Sections 6.2 and 3.17.1(2) of the Oconee Nuclear Station Technical Specifications, please find attached Reportable Occurrence Report RO-269/79-3.

Verv truly yours, Chier La dou Ace William O. Parker, Jr.

SRL:scs Attachment

cc: Director, Office of Management Information and Program Control

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DUKE POWER COMPANY OCONEE UNIT 1

Report Number: RO-269/79-3

Report Date: February 8, 1979

Occurrence Date: January 9, 1979

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Occurrence: Fire Detection System in Alarm in Excess of 14 Days

Conditions Prior to Occurrence: 98% Full Power

Description of Occurrence:

On the morning of December 26, 1978 Statalarm 1703/15 on the 15A3 Statalarm Panel illuminated, indicating a possible fire in the Reactor Building. The Reactor Building was inspected with video cameras, with no indications of smoke or fire discovered. The Reactor Building was subsequently surveyed with the video monitor on an hourly basis. On January 9, 1979, the alarm had been on continuously for 14 days, becoming reportable pursuant to Technical Specification 3.17.1(2). The hourly surveys ceased at 1300 on January 15, 1979 when the alarm cleared. The smoke detectors in the Reactor Building are inaccessible while the unit is operating. They will be tested during the semi-annual functional testing which is expected to be conducted in March, 1979.

Apparent Cause of Occurrence:

The exact cause of the actuation of the statalarm cannot be determined until the unit is shut down. The apparent cause is probably an electrical malfunction in one of the eleven detectors in the Reactor Building.

Analysis of Occurrence:

A video camera survey of the Reactor Building was made immediately after the alarm came on, and no fire or smoke was observed. Hourly surveys of the Reactor Building were made with the video monitor until the alarm cleared, in accordance with Technical Specification 4.19.2. Since no fire was discovered, either at the time of the alarm or afterwards, the health and safety of the public were not endangered.

Corrective Action:

The immediate action was to survey the Reactor Building on an hourly basis until the alarm cleared. The detectors will be tested during the semi-annual functional testing expected to be conducted in March, 1979.



NRC FORM 366 U. S. NUCLEAR REGULATORY COMMISSION (7.77) LICENSEE EVENT REPORT EXHIBIT A CONTROL BLOCK: ΪŪ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 0 1 LICENSE NUMBER 10 0 3 4 11 1 1 0 0 57CONT 0 1 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) 0 2 On December 26, 1978 Statalarm 1703/15 indicated a possible fire in the [0]] | Reactor Building. The building was surveyed with a video camera, but no 1 smoke or fire was discovered. 04 Additional surveys were performed on an hourly Since no fire was present, 0 5 | basis. the health and safety of the public were o s not endangered. 0 7 08 SYSTEM CAUSE CAUSE SUBCODE COM SUBCODE COMPONENT CODE SUBCODE 0 9 (12)](1) E 😳 I T R U (14 E (15 SEQUENTIAL REPORT NO. OCCURRENCE CODE REVISION. LERIRO EVENT YEAR NQ. (\mathbf{v}) AEPORT NUMBER 9 01013 013 0 77 31 ACTION ACTION TAKEN HOURS 22 PRIME COMP SUBMITTED COMPONE FORM SUB Z [20 Щ@ J(18 X (19 <u>Z</u>]@) <u>L</u>S](26) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) [1] The cause is believed to be an electrical malfunction in one of the eleven if fire detectors in the Reactor Building. The detectors will be functionally itested during the semi-annual functional test. 117 The building was surveyed immediately after the alarm came on and every hour afterwards until the alarm 1 3 cleared on January 15, 1979. 114 80 OTHER STATUS METHOD OF DISCOVERY DESCRIPTION (32) A (3) Operator Observation 80 Z 3 Z 3 AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)NA NA 10 POSURES 80 DESCRIPTION (39) <u>0</u>(?) _ z PERSONNEL INJURIES 80 DESCRIPTION (41) NUMBER 0 0 1 8 NA 11 12 CR DAMAGE TO FACILITY 80 Ż NA 9 (42) 10 PUBLICITY 30 20 SSUED DESCRIPTION (45) NAC USE ONLY NA PHONE: (704) 373-8285 NAME OF PREPARER S. R. Lewis

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