

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

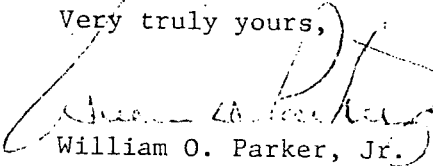
Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

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.

Very truly yours,


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.

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