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TO:	ORIG	CC	OTHER	
Mr. Norman C. Moseley	1 signed			SENT AEC PDR XX SENT LOCAL PDR XX

CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:
	XXX			1	50-269

DESCRIPTION: Ltr trans the following:

ENCLOSURES: Unusual Event 269/75-1 on 1-1-75 re radiation exposure in excess of Oconee Administration limits.....

(1 cy encl rec'd)

ACKNOWLEDGE

Do Not Remove

PLANT NAME: Oconee Unit 1

FOR ACTION/INFORMATION DHL 2-22-75

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Regulatory Docket File

DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. BOX 2178

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February 13, 1975

Mr. Norman C. Moseley, Director
U. S. Nuclear Regulatory Commission
Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Re: Oconee Unit 1
Docket No. 50-269

Dear Mr. Moseley:

Pursuant to Sections 6.2 and 6.6.2 of the Oconee Nuclear Station Technical Specifications, please find attached Unusual Event Report UE-269/75-1.

Very truly yours,

A. C. Thies

ACT:vr
Attachment

cc: Mr. Angelo Giambusso

1993

DUKE POWER COMPANY
OCONEE UNIT 1

Report No.: UE-269/75-1

Report Date: February 13, 1975

Event Date: January 1, 1975

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Event: Radiation exposure in excess of Oconee administrative limits

Conditions Prior to Event: N/A

Description of Event:

On January 1, 1975, four health physics technicians at Oconee Unit 1 received radiation doses in excess of administratively imposed limitations while they were cleaning the reactor coolant pump seal supply filters. There were no exposures in excess of NRC limits.

The cleaning of reactor coolant pump seal supply filters is necessary for continued operation of the pumps. Although the radiation levels on the filters have not been excessive in the past, filters reading from 2-200R per hour on contact are frequent at this time. These filters are transported in a lead shielded cart and are kept in shielded containers in the decontamination facility until they are removed for decontamination. The health physics technicians were aware of, and reported, their exposures to the health physics supervisor. The health physics supervisor was controlling exposure to 1,000 millirem when, in fact, he should have controlled it to 100 millirem in accordance with Oconee administrative procedures.

Designation of Apparent Cause of Event:

During the refueling shutdown, the station Manager granted permission for these four health physics technicians to receive up to a total of 1,000 millirem any time during the fourth quarter of the year. The health physics supervisor assumed that he was controlling the dose to this limit; however, January 1, 1975 was the first day of a new quarter and permission had not been given for exposure in excess of 100 millirem per week. The apparent cause of this event was the health physics supervisor's failure to realize that approval from the station Manager to receive doses at a rate greater than 100 mrem per week did not carry over to the new quarter.

Analysis of Event:

This incident resulted in four health physics technicians receiving exposure at a rate greater than 100 millirem per week without prior approval of the

station Manager. No NRC exposure limits were exceeded and since the men were aware of and reporting their exposure there was no possibility of exceeding these limits. It is concluded that the health and safety of station personnel was not affected.

Corrective Action:

The following corrective actionhas been or will be taken to prevent recurrence of this event:

1. The station Manager is reviewing appropriate corrective action to reduce plugging of the seal supply filters.

2. A procedure for cleaning the filters has been prepared which incorporates appropriate health physics controls.

3. The Health Physics Supervisor will inform the Health Physics Staff, Station Management, and other station personnel in writing, in advance of quarterly changes, advising them of allowable dose limits for continued station work.