NRC FORM 195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER 50-269

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TO:	FROM:	DATE OF DOCUMENT
Mr. Norman C. Moseley	Duke Power Company Charlotte, North Carolina Mr William O Parker, Jr.	3/24/77
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DESCRIPTION

Ltr. trans the following:

PLANT NAME:

Oconee Unit No. 1

RJL

ENCLOSURE

Licensee Event Report (RO 50-269/77-5) on 2/23/77 concerning reactor protective system setpoint not recalibrated promptly after tech spec change....

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED SEND DIRECTLY TO KRUGER/J. COLLINS

FOR ACTION/INFORMATION

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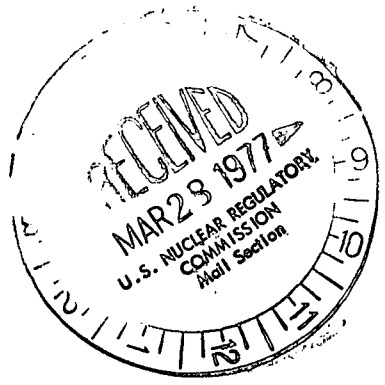
NRC FORM 195 (2-76)

DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

March 24, 1977

TELEPHONE: AREA 704
373-4083



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 Reportable Occurrence Report RO-269/77-5.

Very truly yours,

William O. Parker, Jr.

LJB:ge
Attachment

cc: Director, Office of Management Information
and Program Control

770870040

DUKE POWER COMPANY
OCONEE UNIT 1

Report No.: RO-269/77-5

Report Date: March 25, 1977

Occurrence Date: February 23, 1977

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Occurrence: Reactor protective system setpoint not recalibrated promptly after technical specification change

Conditions Prior to Occurrence: Unit at 100 percent full power

Description of Occurrence:

On February 4, 1977, the NRC approved amendment No. 37 for Facility Operating License DPR-38. The amendment, which increased the flux/flow trip setpoint in the Oconee Technical Specifications from 1.055 to 1.07 by eliminating the reactor internals vent valve flow penalty, was effective on the day of issuance.

On February 23, 1977, during review of the amendment, it was determined that although the new "Protection System Maximum Allowable Setpoints" curve generally provided more operating flexibility in comparison with the previous limits on flux - imbalance - flow, a small portion of the amended curve was more conservative than the former technical specification limit. New RPS calibration data was calculated and approved by February 25, 1977. Recalibration of the RPS was completed on March 3, 1977. Therefore, the RPS flux/flow trip setpoints for the Oconee Unit 1 RPS was less conservative than specified in Technical Specification 2.3, as amended by amendment No. 37, for approximately 27 days.

Apparent Cause of Occurrence:

The incident was caused by delays incurred between issuance of an amendment and implementation of the amendment, due to the length of time necessary to formally receive, distribute and implement certain types of technical specification changes.

Analysis of Occurrence:

Amendment No. 37 to Facility Operating License DPR-38 increased the flux/flow trip setpoint of the Reactor Protective System from 1.055 to 1.07. The operating curve generated utilizing the former setpoint of 1.055 was therefore predominantly more conservative than the amended operating curve. Reactor operational safety limits were not adversely affected by this incident. It is concluded that the health and safety of the public were not affected.

Corrective Action:

The RPS was recalibrated to reflect the amended flux/flow trip setpoint by March 3, 1977. To prevent recurrence of this incident, the method of handling technical specification changes has been reviewed and a recommendation has been made to the NRC by letter dated March 23, 1977 to establish a formal policy on the issuance of technical specification changes which will allow time for proper implementation of the changes.