

50-287

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FILE NUMBER

INCIDENT REPORT

TO: Mr. Norman C. Moseley

FROM: Duke Power Co.  
Charlotte, N.C. 28242  
Wm. O. Parker, Jr.

DATE OF DOCUMENT

9-13-76

DATE RECEIVED

9-27-76

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DESCRIPTION Ltr trans the following:

ENCLOSURE Reportable Occurrence AO-76-14  
on 8-30-76 re failure to sample core flood  
tanks for boron concentration following  
makeup....

(1 cy encl rec'd)

~~DO NOT REMOVE~~

ACKNOWLEDGED

PLANT NAME: Oconee Unit 3

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

## FOR ACTION/INFORMATION

DHL 9-29-76

BRANCH CHIEF:

Schwenker

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LIC. ASST.:

Sheppard

W/1 CYS

ACRS 16 CYS / SENT TO LA

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## EXTERNAL DISTRIBUTION

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LPDR: WAIHANA, S.C.

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9698

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

**Regulatory Docket File**

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

TELEPHONE: AREA 704  
373-4083

September 13, 1976

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

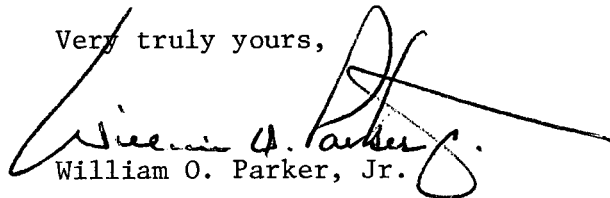


Re: Oconee Unit 3  
Docket No. 50-287/76-14

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-287/76-14.

Very truly yours,

  
William O. Parker, Jr.

LJB:vr  
Attachment

cc: Director, Office of Management Information  
and Program Control



9658

DUKE POWER COMPANY  
OCONEE UNIT 1

Regulatory Docket File

Report No.: RO-287/76-14

Report Date: September 13, 1976

RECEIVED BY DATE 9-13-76

Occurrence Date: August 30, 1976

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Occurrence: Failure to sample core flood tanks for boron concentration following makeup

Conditions Prior to Occurrence: Unit at 100 percent full power

Description of Occurrence:

On August 30, 1976, it was determined that during June, 1976 six additions during a seven-day period had been made to the 3B Core Flood Tank without performing the boron concentration sampling required by Oconee Technical Specification 4.1.2.

Apparent Cause of Occurrence:

The apparent cause of this occurrence was the lack of an adequate program for sampling the core flood tanks following makeup and for documenting the chemical analyses of the samples.

Analysis of Occurrence:

This occurrence resulted in one core flood tank not being sampled for boron concentration following six additions to the tank. Four of these additions were taken from the boric acid mix tank and had a combined volume of 35 gallons which should have increased the boron concentration. The remaining two additions, with a combined volume of 100 gallons, were taken from the demineralized water header. A calculation has been performed which utilized the last known chemical concentration of the core flood tank, 2254 ppm, and considered the addition of the demineralized water to the 6400 gallon core flood tank. It has been determined that the boron concentration of the core flood tank remained within the Technical Specification limits throughout this occurrence. It is therefore concluded that the health and safety of the public was not affected by this incident.

Corrective Action:

A program has been established requiring that sample request forms be submitted to the Chemistry Department following the completion of makeup to those tanks requiring a chemical sample. Specific times have been established for each tank requiring samples. The time that the sample is to be taken is delineated on this request form. An entry will be made in the control room log stating the time of makeup, the time the chemistry

sample is requested and the results of the sample when received. It is considered that this corrective action will prevent recurrence of this incident.

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U.S. E.O.  
REGULATORY OPERATIONS  
REGION II  
ATLANTA, GA.

SEP 15 10 14 AM '76