

ACCESSION NBR: 7908100499 OC DATE: 79/08/06 NOTARIZED: NO
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.
 AUTH. NAME: PARKER, W.O. AUTHOR AFFILIATION: Duke Power Co.
 RECIP. NAME: O'REILLY, J.P. RECIPIENT AFFILIATION: Region 2, Atlanta, Office of the Director

DOCKET #
 05000269

SUBJECT: Submits preliminary details of leakage leading to shutdown
 of facility first reported 790724. Anticipation Reportable
 Occurrence Anticipates R0-269/79-24 by 790820.

DISTRIBUTION CODE: A002S COPIES RECEIVED: LTR 1 ENCL 0 SIZE: L
 TITLE: INCIDENT REPORTS

NOTES: M CUNNINGHAM - All AMOTS TO FSAR + CHANGES TO TECH SPECS.

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
ACTION:	05 BC ORB 4	4		
INTERNAL:	01 REG FILE	1	02 NRC PDR	1
	09 I&E	2	11 MPA	3
	14 TA/EDO	1	15 NOVAK/KNIEL	1
	16 EEB	1	17 AD FOR ENGR	1
	18 PLANT SYS BR	1	19 I&C SYS BR	1
	20 AD PLANT SYS	1	21 AD SYS/PROJ	1
	22 REAC SAFT BR	1	23 ENGR BR	1
	24 KREGER	1	25 PWR SYS BR	1
	26 AD/SITE ANAL	1	27 OPERA LIC BR	1
	28 ACIDENT ANALYS	1	29 AUX SYS BR	1
	E JORDAN/IE	1	HANAUER, S.	1
	I&C SYS BR	1	TMI-H STREET	1
EXTERNAL:	03 LPDR	1	04 NSIC	1
	29 ACRS	16		

AUG 14 1979

204
 CDP

TOTAL NUMBER OF COPIES REQUIRED: LTR 49 ENCL 0

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

August 6, 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, GA 30303

Re: Oconee Unit 1
Docket No. 50-269

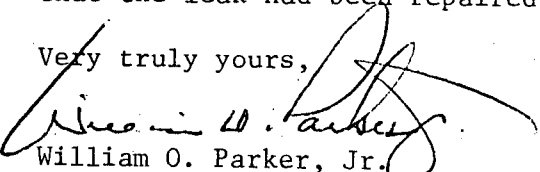
REGULATORY DOCKET FILE COPY

Dear Mr. O'Reilly:

On July 24, 1979, your office was informed that a shutdown of Oconee Unit 1 had been initiated as a result of the discovery of a steam generator tube leak. This letter is submitted providing preliminary details of the leakage, since investigation of the incident is still underway. It is anticipated that Reportable Occurrence Report RO-269/79-24 will be transmitted to your office by August 20, 1979, providing a more complete description of the incident.

Shutdown of Unit 1 from approximately 25% full power was initiated when tube leakage in once-through steam generator (OTSG) 1B was calculated to be approximately 0.48 gpm. Oconee Nuclear Station Technical Specification 3.1.6.4 requires that Unit 1 be shut down whenever OTSG tube leakage exceeds 0.3 gpm. Initial pressure testing indicated that peripheral tube 73-130 was leaking. Eddy-current testing was conducted for approximately 330 tubes, including approximately 40 near tube 73-130. Also included were 40 tubes which had previously exhibited some degree of degradation. Tube 73-130 was found to have a through-wall indication of approximately 80% at the 14th support plate, but no other tube was determined to be sufficiently degraded to require plugging. Since tube 73-130 was located in the periphery of the tube bundle, consideration was given to removing it. However, removal was determined to be too difficult, and the tube was stabilized. All of the tubes inspected at this outage will be reinspected during the next refueling outage. Hydrostatic testing conducted subsequent to plugging tube 73-130 indicated that the leak had been repaired, and Unit 1 was ready to resume power operation.

Very truly yours,


William O. Parker, Jr.

SRL/sch

cc: Director, Office of
Management Information
and Program Control



7908100499

Aug 2 11/0