

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

September 14, 1981

TELEPHONE: AREA 704
373-4083

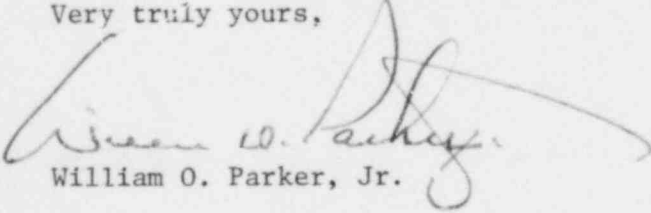
Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Re: Oconee Nuclear Station
Docket No. 50-270

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-270/81-14. This report is submitted pursuant to Oconee Nuclear Station Technical Specification 6.6.2.1.b(2), which concerns operation in a degraded mode permitted by a limiting condition for operation, and describes an incident which is considered to be of no significance with respect to its effect on the health and safety of the public.

Very truly yours,


William O. Parker, Jr.

JFK/php
Attachment

cc: Director
Office of Management & Program Analysis
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. F. Jape
Resident Inspector-NRC
Oconee Nuclear Station

Mr. Bill Lavallee
Nuclear Safety Analysis Center
P. O. Box 10412
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DUKE POWER COMPANY
OCONEE UNIT 2

REPORT NUMBER: RO-270/31-13

REPORT DATE: September 14, 1981

OCCURRENCE DATE: August 15, 1981

FACILITY: Oconee Nuclear Station, Unit 2, Seneca, South Carolina

IDENTIFICATION OF OCCURRENCE: "2A" Reactor Building Spray Pump Declared Inoperable as a Result of Empty Oil Reservoir

CONDITIONS PRIOR TO OCCURRENCE: 100% Full Power

DESCRIPTION OF OCCURRENCE: At 1645 hours on August 15, 1981, the 2A Reactor Building Spray (RBS) pump was discovered to have an oil leak on a bearing oil reservoir (bubbler). The pump was declared inoperable and removed from service. The oil leak was repaired and the pump was returned to service.

This constitutes operation in a degraded mode permitted by Technical Specification 3.3.6.c(2)(a) and is thus reportable pursuant to Technical Specification 6.6.2.1 b(2).

APPARENT CAUSE OF OCCURRENCE: The pump was declared inoperable as a result of the low oil level in the reservoir. The oil in the reservoir had leaked out due to loose piping from the reservoir to the "bearing slinger housing." It is not known how the piping became loose.

ANALYSIS OF OCCURRENCE: The low oil level in the reservoir was discovered during a routine operational check. The pump was not damaged as a result of the leak since the pump was not running during the period that the oil level was low.

During the period that the "2A" RBS pump was inoperable the redundant RBS pump was operable. Additionally, the three Reactor Building Cooling Units were also operable. It has been shown for the worst case design basis loss of coolant accident (a 14.1 ft² hot leg break) that the Reactor Building design pressure will not be exceeded with one RBS pump and 2 R.B. coolers operable. Thus, this incident is considered to be of no significance with respect to safe operation and the health and safety of the public were not affected.

CORRECTIVE ACTION: To correct the oil leakage, the piping from the bubbler to the "bearing slinger housing" was removed, inspected and reinstalled. The reservoir was refilled with oil and the pump was returned to service. The pump was observed for approximately 30 minutes after the repair to assure no oil leaks remained.