

FILE: Abn Jcc

FROM: Duke Power Company Charlotte, N. C. 28201 A. C. Thies		DATE OF DOC 9-7-73	DATE REC'D 9-12-73	LTR X	MEMO	RPT	OTHER
TO: A. Giambusso		ORIG 1 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269		

DESCRIPTION:
Ltr reporting an abnormal occurrence on 8-30-73
.....trans the following:

PLANT NAME: Oconee Unit 1

ENCLOSURES:
Rpt-AO-269/73-5 regarding the failure to verify operability of reactor bldg spray pump 1B after maintenance

**ACKNOWLEDGED
DO NOT REMOVE**
(1 cy rec'd)

FOR ACTION/INFORMATION 9-12-73 gc

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DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

Regulatory Docket File

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

September 7, 1973

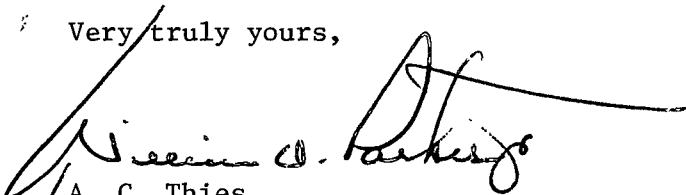
Mr. Angelo Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Oconee Unit 1
Docket No. 50-269

Dear Mr. Giambusso:

Pursuant to Section 6.2 and 6.6.2 of the Oconee Nuclear Station Unit 1
Technical Specifications, please find attached Abnormal Occurrence
Report A0-269/73-5, "Failure To Verify Operability Of Reactor Building
Spray Pump 1B After Maintenance."

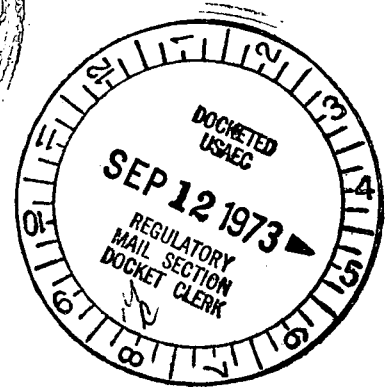
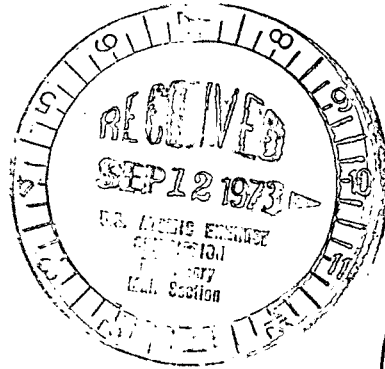
Very truly yours,


A. C. Thies
for

ACT:jv

Attachment

cc: Mr. Norman C. Moseley, Director
Directorate of Regulatory Operations
Region II, Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia, 30303



6882

Received w/ file dated 9-7-73

DUKE POWER COMPANY
OCONEE NUCLEAR STATION - UNIT 1
ABNORMAL OCCURRENCE REPORT AO-269/73-5
FAILURE TO VERIFY OPERABILITY OF REACTOR BUILDING SPRAY PUMP 1B
AFTER MAINTENANCE

Introduction

As a limiting condition for operation, the Oconee Nuclear Station Technical Specifications require that two reactor building spray pumps be operable before the reactor is made critical. On August 30, 1973, it was determined that Oconee Unit 1 had been made critical although reactor building spray pump 1B had not been tested to verify its operability after maintenance had been performed on the pump. Regulatory Operations, Region II, was verbally notified of the incident on August 30, 1973.

Description of the Incident

During a maintenance outage on Oconee Unit 1, Reactor Building Spray Pump 1B was disassembled, inspected for wear, cleaned, and after replacement of a gasket, reassembled. This work was completed on the afternoon of August 26, 1973. The pump was not run after reassembly to verify its operability.

On August 29, 1973, Unit 1 was made critical and commenced power operation. Technical Specification 3.3 requires two reactor building spray pumps be operable before the reactor is made critical. Failure to test the pump after reassembly provided no assurance of the immediate availability of both spray units for post-accident reactor building cooling.

The failure to meet retest requirements on this pump was attributed to the following:

- A. The plant work order issued for maintenance of the pump was not adequately reviewed upon completion of the work. The form provides documentation of retest requirements and should not be signed off until all requirements are met and documentation is complete.
- B. The procedure used (MP/O/A/1400/28) in performing maintenance on this pump does not contain adequate provisions for documentation to certify the work has been performed or retest requirements have been met.
- C. All provisions for documentation in MP/O/A/1400/28 were not completed.

Corrective Action

Periodic test PT/O/A/0204/7, "RBS Pump Performance Test," was performed immediately, and the operability of the pump verified.

The station superintendent will issue a memorandum stating instructions for the proper completion of a plant work order. The appropriate supervisor will review the plant work order for completeness, including all retesting requirements. The memorandum will also stress to maintenance personnel the importance of following procedures and properly documenting all work on safety-related systems.

Safety Analysis

Figure 14-56 of the Oconee FSAR shows that for the worst-case loss-of-coolant accident, with only three reactor building coolers operable, the containment design pressure will not be exceeded. Even if Reactor Building Spray Pump 1B had proven to be inoperable, three reactor building cooling units and one reactor building spray were available to provide adequate reactor building cooling in the event of a loss-of-coolant accident.