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 FACIL:50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.
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 RECIPIENT AFFILIATION Region 2, Atlanta, Office of the Director

DOCKET #
05000269

SUBJECT: LER 80-017/03L-0: on 800529, at 71% full power, CBAST pump was removed from svc for preventive main constituting operation in degraded mode. Procedure was in violation of Tech Specs. Tech Specs or procedure changes under evaluation.

DISTRIBUTION CODE: A002S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1+3
 TITLE: Incident Reports

NOTES: M Cunningham: all amends to FSAR & changes to Tech Specs. 05000269

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	OR ASSESS BR		1	1	POWER SYS BR		1	1
	PROC/TST REV BR		1	1	QA BR		1	1
	RAD ASSESS BR		1	1	REACT SYS BR		1	1
	REG FILE	01	1	1	REL & RISK A BR		1	1
	SFTY PROG EVAL		1	1	SIT ANAL BR		1	1
	STRUCT ENG BR		1	1	SYS INTERAC BR		1	1
EXTERNAL:	ACRS		16	16	LPDR	03	1	1
	NSIC	04	1	1	TERA:DOUG MAY		1	1

JUL 22 1980

DUKE POWER COMPANY
OCONEE UNIT 1

Report Number: RO-269/80-17

Report Date: July 11, 1980

Occurrence Date: May 29, 1980

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Occurrence: Concentrated Boric Acid Storage Tank Pump
Removed from Service

Conditions Prior to Occurrence: 73% Full Power

Description of Occurrence:

On May 29, 1980 at 0719 hours, the Unit 1 Concentrated Boric Acid Storage Tank (CBAST) pump was removed from service for annual preventive maintenance. This work was completed at 1230 hours on May 29. However, problems with the pump motor prevented performance testing until June 1, 1980. The pump was returned to service at 0310 on June 1 (total time out of service was approximately 68 hours).

Apparent Cause of Occurrence:

Removal of the CBAST pump from service is allowed by a preventive maintenance procedure which is performed annually to inspect and lubricate the pump. When this procedure was written and approved in 1978, the Technical Specification governing the CBAST was not violated when the pump was removed from service for preventive maintenance. However, a change was later made in the Technical Specification which made the CBAST pump operability a limiting condition for operation. This change was not reflected by a similar change in the preventive maintenance procedure to prohibit removal of the CBAST pump from service while the unit was operating.

Analysis of Occurrence:

Removal of the CBAST from service for preventive maintenance constitutes operation in a degraded mode per Technical Specification 3.2.2, and thus constitutes an occurrence which is reportable pursuant to Technical Specification 6.6.2.1.b(2).

While the CBAST pump was inoperable, sufficient boron for unit shutdown was still available from the Borated Water Storage Tank, the Boric Acid Mix Tank, the Bleed Storage Tank, and the Unit 2 CBAST. Thus, this incident was not significant with respect to safe operation, and the health and safety of the public were not affected.

Corrective Action:

This incident is still being examined by Duke Power Company to properly establish the required corrective actions. Potential changes to administrative procedures and/or Technical Specifications are under review. When this review and evaluation is complete, a report of the corrective actions will be submitted as a supplement to this report.

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

LICENSEE CODE: SCNEE1, LICENSE NUMBER: 000-00000000, LICENSE TYPE: 34, CAT 53: 1111

REPORT SOURCE: L, DOCKET NUMBER: 05000269, EVENT DATE: 052980, REPORT DATE: 071180

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

With Unit 1 at 73% FP, the CBAST pump was removed from service for annual preventive maintenance, which constitutes operation in a degraded mode per Technical Specification 3.2.2. The pump was returned to service 68 hours later. During this time, sufficient boron for unit shutdown was available from the BWST, the BMT, the BST, and the Unit 2 CBAST. Thus, this incident was not significant with respect to safe operation, and the health and safety of the public were not affected.

SYSTEM CODE: PC, CAUSE CODE: D, CAUSE SUBCODE: Z, COMPONENT CODE: ZZZZZZ, COMP. SUBCODE: Z, VALVE SUBCODE: Z

LER/RO REPORT NUMBER: 80, SEQUENTIAL REPORT NO.: 017, OCCURRENCE CODE: 03, REPORT TYPE: L, REVISION NO.: 0, ACTION TAKEN: ZX, EFFECT ON PLANT: Z, SHUTDOWN METHOD: Z, HOURS: 000, ATTACHMENT SUBMITTED: Y, NPRO-4 FORM SUB.: N, PRIME COMP. SUPPLIER: Z, COMPONENT MANUFACTURER: Z999

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

Preventive maintenance procedure was in conflict with Technical Specification 3.2.2 by allowing CBAST to be taken out of service while unit is operating. Possible corrective actions, such as Technical Specification or procedure changes, are still being evaluated. A final report will be submitted when this review is complete.

FACILITY STATUS: E, % POWER: 073, OTHER STATUS: NA, METHOD OF DISCOVERY: B, DISCOVERY DESCRIPTION: Annual preventive maintenance

ACTIVITY CONTENT RELEASED OF RELEASE: Z, AMOUNT OF ACTIVITY: NA, LOCATION OF RELEASE: NA

PERSONNEL EXPOSURES: NUMBER: 000, TYPE: Z, DESCRIPTION: NA

PERSONNEL INJURIES: NUMBER: 000, DESCRIPTION: NA

LOSS OF OR DAMAGE TO FACILITY: TYPE: Z, DESCRIPTION: NA

PUBLICITY ISSUED: DESCRIPTION: NA

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