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CONTROL NO: 7926

FILE: INCIDENT REPORT FILE

FROM: Duke Power Co. Charlotte, N.C. 28242 Wm. O. Parker		DATE OF DOC 7-18-75	DATE REC'D 7-25-75	LTR XX	TWX	RPT	OTHER
TO: Mr. Norman C. Moseley		ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269		

DESCRIPTION: Ltr trans the following:

ENCLOSURES: Abnormal Occurrence AO-50-269/75-9 on 7-8-75 re failure of effluent discharge isolation valve LWD-132....
(1 Orig cy encl rec'd)

PLANT NAME: Oconee Unit 1.

ACKNOWLEDGED

FOR ACTION/INFORMATION DHL 7-29-75

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	W/ Copies		W/ Copies

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<u>REG FILE</u> NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) MIPC/PE (3) STEELE	<u>TECH REVIEW</u> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO ** STELLO ** HOUSTON ** NOVAK ROSS IPPOLITO TEDESCO J. COLLINS LAINAS BENAROYA VOLLMER	<u>DENTON</u> ** GRIMES GAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. RUSHBROOK (L) S. REED (E) M. SERVICE (L) ✓ S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L) M. DUNCAN (E)	<u>A/T IND.</u> BRAITMAN SALTZMAN MELTZ <u>PLANS</u> MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON F. WILLIAMS HANAUER
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1 - ASLB	NEWMARK/BLUME/AGBABIAN	1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
1 - Newton Anderson		1 - J. D. RUNKLES, Rm E-201 GT
1 - ACRS SENT TO LIC ASST Sheppard 7-29-75		
** SEND ONLY TEN DAY REPORTS		

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

Regulatory Docket File

TELEPHONE: AREA 704
373-4083

July 18, 1975

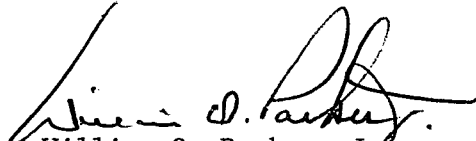
Norman C. Moseley, Director
U. S. Nuclear Regulatory Commission
Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Re: Oconee Unit 1
Docket No. 50-269

Dear Mr. Moseley:

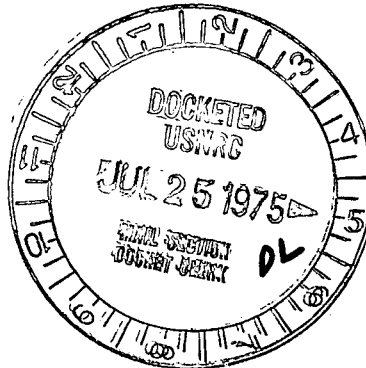
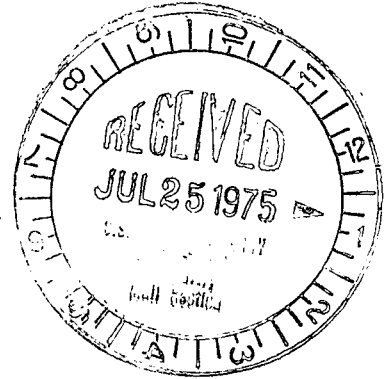
Pursuant to Section 6.2 and 6.6.2 of the Oconee Nuclear Station
Technical Specifications, please find attached Abnormal Occurrence
Report AO-269/75-9.

Very truly yours,


William O. Parker, Jr.

MST:ge
Attachment

cc: Angelo Giambusso



7926

DUKE POWER COMPANY
OCONEE UNIT 1

Regulatory Docket File

Report No: AO-269/75-9

Report Date: July 18, 1975

Received w/WR Date 7-18-75

Occurrence Date: July 8, 1975

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Occurrence: Failure of effluent discharge isolation valve
LWD-132

Conditions Prior to Occurrence: Not Applicable

Description of Occurrence:

On July 8, 1975 liquid waste effluent monitors RIA-33 and -34 were source checked during a liquid waste release from the condensate monitor tanks in the radwaste building. The alert alarm received during the source check failed to close effluent discharge isolation valve LWD-132 as required by Technical Specification 3.9.7. The liquid waste release was terminated by stopping the condensate monitor pump.

Designation of Apparent Cause of Occurrence:

Valve LWD-132 is a pneumatic operated valve which requires air pressure to open and a spring to close. The maximum differential pressure specification for the valve is 85 psi. Heretofore, the maximum differential seen by the valve due to the normal radwaste system was 50 psi. When the radwaste building condensate monitor pumps are used a differential pressure of 160 psi was experienced. Thus, after receiving a "close" signal from the effluent monitors, the differential pressure created by the condensate monitor pump lifts the valve off its seat and allows approximately 30% flow.

Analysis of Occurrence:

The effluent control monitors RIA-33 and -34 are set to alarm and automatically close the waste discharge valve in the event activity greater than expected is released. In this incident the effluent monitors were being source checked and station effluent releases were maintained within permitted limits. It is concluded that the health and safety of the public were not affected by this incident.

Corrective Action:

On July 9, 1975 a request for a revision to Oconee Technical Specification 3.9.7 was requested on an emergency basis to permit continued effluent releases. Administrative controls were instituted to assure that effluent releases could be terminated if necessary. Concurrence on the equivalency of administrative controls to automatic termination of release was received from Mr. Gordon K. Dicker, NRC/DRL on July 10, 1975.

Subsequently, a station modification has been completed which provides an interlock between the condensate monitor tank pumps and the effluent monitors. Thus, in the event of an effluent alert alarm the pump would be de-energized which relieves the differential pressure across the discharge valve and allows it to shut, thereby terminating the release.