

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 790.1230259 DOC. DATE: 79/01/15 NOTARIZED: NO

DOCKET #

FACIL: 50-270 OCONEE #2, DUKE POWER CO.

05000270

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RECIP. NAME RECIPIENT AFFILIATION

**REG. 2, ATLANTA, OFF. OF THE DIRECTOR

SUBJECT: LER 78-013/01T-0 on 781201:r inaccessible shock suppressors were inoperable due to oil level in reservoir. Occurred after station & vendor personnel failed to identify any inoperable suppressors. No cause for loss of oil level identified.

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TITLE: INCIDENT REPORTS

NOTES: M CUNNINGHAM - ALL AMDTs TO FSAR + CHANGES TO TECH SPECS.

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	ID CODE/NAME	LTR	ENCL		ID CODE/NAME	LTR
	05 BC ORB#4	4	4			
INTERNAL:	01 <u>REG FILE</u>	1	1	02 NRC PDR	1	1
	09 I&E	2	2	11 MPA	3	3
	14 TA/EDO	1	1	15 NOVAK/KNIEL	1	1
	16 EEB	1	1	17 AD FOR ENGR	1	1
	18 PLANT SYS BR	1	1	19 I&C SYS BR	1	1
	20 AD PLANT SYS	1	1	21 AD SYS/PROJ	1	1
	22 REAC SAFT BR	1	1	23 ENGR BR	1	1
	24 COLLINS	0	0	24 KREGER	1	1
	25 PWR SYS BR	1	1	26 HOUSTON	0	0
	26 VOLLMER	1	1	E JORDAN/IE	1	1
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DUKE POWER COMPANY
OCONEE UNIT 2

Report Number: RO-270/78-13

Report Date: January 15, 1979

Occurrence Date: December 1, 1978

Facility: Oconee Unit 2, Seneca, South Carolina

Identification of Occurrence: Five (5) Inaccessible Shock Suppressors Inoperable

Conditions Prior to Occurrence: Cold Shutdown (Refueling)

Description of Occurrence:

On November 7 and 8, 1978, all Unit 2 inaccessible shock suppressors were inspected. Oil level was a minimum of one-half full in all suppressor reservoirs. Additionally, between November 6 and 11, 1978 Babcock and Wilcox personnel conducting inservice inspection activities also noted oil level and did not report any as being less than three-fourths full. During the refueling outage several activities were carried out in the immediate area of the suppressors which were later determined to be inoperable. On November 27, 1978 two NRC inspectors found five suppressors with empty reservoirs and 3 with low level. These suppressors were repaired and returned to service prior to startup of the unit.

Apparent Cause of Occurrence:

No apparent cause has been determined. The discrepancy may be a result of personnel errors involved in recording the actual oil level or in doing unrelated activities in the area of the affected suppressors. It has also been postulated that differences in thermal expansion could explain the drop in oil level. This could have occurred since the first inspection was carried out immediately after shutdown while the systems were relatively hot while the later inspection occurred when the systems were much cooler.

Analysis of Occurrence:

The original inspection by station personnel is considered to have determined the conditions under which the unit operated during the last cycle. Thus, the suppressors were not inoperable during power operation. Therefore, this occurrence did not adversely effect public health and safety.

Corrective Action:

The following corrective actions have or will be taken:

- a) All safety-related suppressors in Unit 2 have been reinspected.
- b) All safety-related suppressors on Units 1 and 3 have or will be reinspected.
- c) All procedures will be reviewed and corrected as necessary and personnel will be reinstructed in their use.

LICENSEE EVENT REPORT

EXHIBIT A

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

01 | S | C | N | E | E | 2 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 4 | 5
7 8 9 14 15 25 26 30 37 CAT 58

CON'T
 01 | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 7 | 0 | 7 | 1 | 2 | 0 | 1 | 7 | 8 | 8 | 0 | 1 | 1 | 5 | 7 | 9 | 9
60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
 02 | During an inspection carried out by NRC personnel it was determined
 03 | that 5 inaccessible shock suppressors were inoperable due to oil level in
 04 | reservoir. This occurred after station and vendor personnel investigations
 05 | had failed to identify any inoperable suppressors. It is considered that the
 06 | initial investigation verified the suppressors' status during power operation,
 07 | that is, all suppressors were operable. Thus no adverse health or safety
 08 | effects resulted from this occurrence.

09 | Z | A | 11 | X | 12 | Z | 13 | S | U | P | P | O | R | T | 14 | D | 15 | Z | 16
9 10 11 12 13 18 19 20
 17 | 7 | 8 | 21 | 22 | 0 | 1 | 3 | 24 | 28 | 0 | 1 | 23 | T | 30 | 0 | 32
21 22 24 28 27 28 29 30 31 32
 ACTION TAKEN: B | 18 | H | 19 | EFFECT ON PLANT: Z | 20 | SHUTDOWN METHOD: Z | 21 | HOURS: 0 | 0 | 0 | 0 | 37 | 40
33 34 35 37 40
 ATTACHMENT SUBMITTED: Y | 23 | NPRO-4 FORM SUB.: N | 24 | PRIME COMP. SUPPLIER: L | 25 | COMPONENT MANUFACTURER: B | 26 | 2 | 0 | 9 | 25
41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
 10 | No cause for the loss of oil level or the apparent contradiction in
 11 | investigation results has been identified. All procedures have been reviewed
 12 | and personnel using them have been retrained in their use. Additionally,
 13 | suppressors in Units 1 and 3 have, or will, be reinspected at the next
 14 | available outage.

15 | H | 28 | 0 | 0 | 0 | 29 | NA | 30 | C | 31 | NRC Inspection | 32
10 12 13 44 45 46 48

16 | Z | 33 | Z | 34 | NA | 35 | NA | 36
10 11 44 45

17 | 0 | 0 | 0 | 37 | Z | 38 | NA | 39
11 12 13 30

18 | 0 | 0 | 0 | 40 | NA | 41
11 12 30

19 | Z | 42 | NA | 43
10 11 30

20 | N | 44 | NA | 45
10 30

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