

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 423

FILE: INCIDENT REPORT

FROM: Carolina Power & Light Co. Raleigh, N. Carolina 27602 E.E. Utley		DATE OF DOC 1/9/75	DATE REC'D 1/15/75	LTR XX	TWX	RPT	OTHER
TO: Norman C. Moseley		ORIG 3 originals signed	CC	OTHER	SENT AEC PDR <u>XXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS XX	PROP INFO	INPUT	NO CYS REC'D 35 copies	DOCKET NO: 50-261		

DESCRIPTION:

Ltr transmitting the following: (Abnormal occurrence rpt #50-261/73-72) informing of corrective action taken by CP&L to increase the reliability of this and other similar breakers

ENCLOSURES:

ACKNOWLEDGED
REGULATORY DOCKET FILE COPY
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PLANT NAME: H.B. Robinson Unit No. 2

FOR ACTION/INFORMATION LDM 1/16/75

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INTERNAL DISTRIBUTION

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✓ OGC, ROOM P-506-A	✓ MACCARRY	GAMMILL	GEARIN (S)	SALTZMAN
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✓ CASE	✓ PAWLICKI	BALLARD	KREUTZER (S)	
GIAMBUSO	✓ GHAO	SPANGLER	LEE (S)	PLANS
BOYD	✓ STELLO		MAIGRET (S)	MCDONALD
MOORE (S) (BWR)	✓ HOUSTON	ENVIRO	REED (E)	CHAPMAN
DEYOUNG (S) (PWR)	✓ KOVAK	MULLER	SERVICE (S)	DUBE w/input
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DENISE	✓ LONG	REGAN	✓ TEETS (S)	✓ F. WILLIAMS
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Carolina Power & Light Company

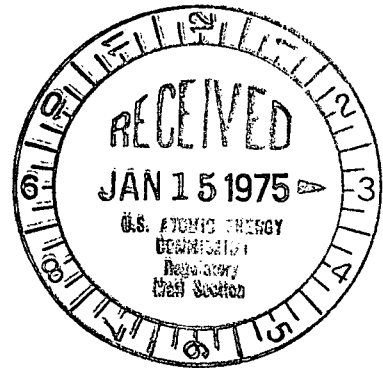
January 9, 1975

File: NG-3513 (R)

Serial: NG-75-032

Mr. Norman C. Moseley, Director
Directorate of Regulatory Operations
U. S. Atomic Energy Commission
Region II, Suite 818
230 Peachtree Street, N.W.
Atlanta, Georgia 30303

Dear Mr. Moseley:



H. B. ROBINSON UNIT NO. 2
LICENSE NO. DPR-23

FOLLOW-UP REPORT ON REACTOR TRIP BREAKER MALFUNCTION

We reported to you in Abnormal Occurrence Report No. 50-261/73-72, dated December 31, 1973, the malfunction of Reactor Trip Breaker "B" in the H. B. Robinson Unit No. 2 Plant. This letter is to inform you of further corrective action taken by Carolina Power & Light Company to increase the reliability of this and other similar breakers.

The malfunction of the trip breaker had occurred due to excessive friction within the linkage of the Undervoltage Trip Device which prevented this device from exerting sufficient force to initiate the breaker tripping mechanism. The linkage was cleaned and lubricated with a molybdenum disulfide lubricant.

A new undervoltage device was procured and installed during the 1974 refueling outage. The undervoltage device which had failed previously was tested further by the manufacturer and Carolina Power & Light Company personnel. These tests indicated the lubricated device to be performing as designed.

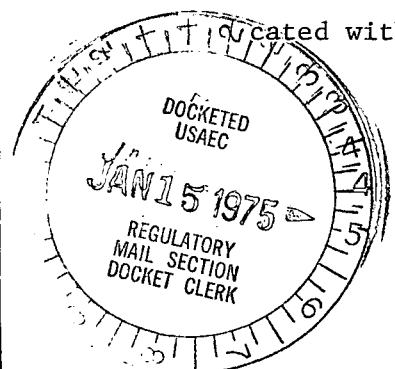
More thorough investigation of lubricants by the manufacturer indicated a better lubricant for this application. The original lubricant, Molykote G, uses a thickened mineral oil as a vehicle, which tends to collect foreign material. A better lubricant selection, as recommended by the manufacturer, is Molykote M-88, or Spraykote, which uses an alcohol substance as a vehicle and therefore does not tend to collect foreign material.

The trip breakers at H. B. Robinson Plant were cleaned and lubricated with the new type lubricant in November, 1974.

DON'T REMOVE

423

336 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602



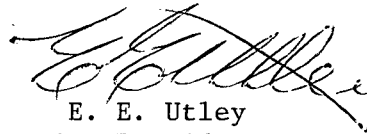
Mr. Norman C. Moseley

- 2 -

January 9, 1975

As recommended by the manufacturer, we will clean and relubricate the Robinson Plant trip breakers on an annual basis. No further corrective action is considered necessary by the manufacturer or Carolina Power & Light Company.

Yours very truly,



E. E. Utley
Vice-President
Bulk Power Supply

DBW:mvp

cc: Messrs. N. B. Bessac
T. E. Bowman
W. E. Graham
J. B. McGirt
D. V. Menscer
D. B. Waters