



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

PRODUCTION DEPARTMENT

August 30, 1979

Office of Inspection and Enforcement
U. S. Regulatory Commission
Region II
101 Marietta Street, NW, Suite 3100
Atlanta, Georgia 30303

ATTENTION: Mr. J. P. O'Reilly, Director

Gentlemen:

SUBJECT: Grand Gulf Nuclear Station
File 0272/0498/15525
Supplemental Information
for Potentially Reportable
Deficiency No. 79/11
AECM-79/99

As requested by your Mr. Floyd Cantrell on August 27, 1979, the following information is provided to supplement our interim report transmitted on August 14, 1979.

The inspection of control device assemblies revealed the following data:

	# <u>Cracked Devices</u>	VS	<u>Inspected</u>
<u>Type of Equipment</u>	<u>Unit 1</u>		<u>Unit 2</u>
6.9 KV Switchgear	15 of 18		20 of 20
4.16 KV Switchgear	36 of 75		69 of 69
480 Volt Load Centers	<u>16 of 214</u>		<u>20 of 137</u>
Totals	67 of 307		109 of 226

Attached is a page from ITE Bulletin RP-9.1.8-1, showing the control device assembly (item 8A). The picture has been annotated to show the location of the cracks. These are vertical cracks ranging in length from $\frac{1}{2}$ " to 1".

Gould-ITE is presently conducting "life-testing" of the devices to determine cause and significance. When testing is completed the results will be evaluated to determine significance.

965 177 B019 S/1

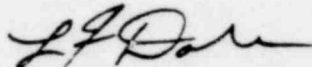
MISSISSIPPI POWER & LIGHT COMPANY

Mr. J. P. O'Reilly, Director
U. S. Nuclear Regulatory Commission

AECM-79/99
Page 2

As indicated in our previous letter, we expect that a decision on reportability would be made by November 30, 1979.

Yours truly,



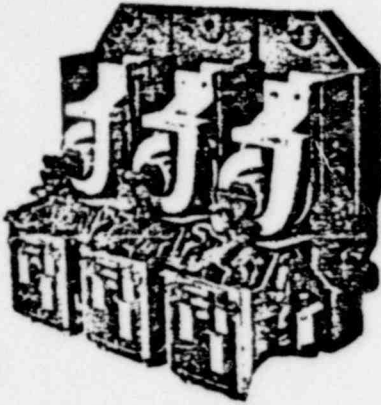
L. F. Dale
Nuclear Project Manager

ATR:lb
Attachment

cc: Mr. N. L. Stampley
Mr. R. B. McGehee
Mr. T. B. Conner

Mr. John G. Davis, Director
Division of Inspection & Enforcement
U. S. Regulatory Commission
Washington, D. C. 20555

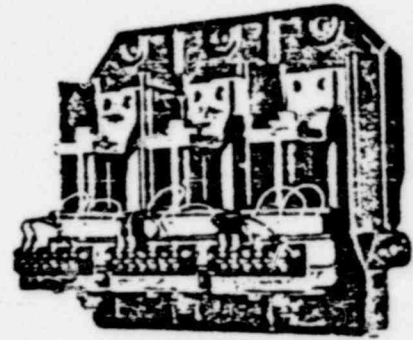
965 178



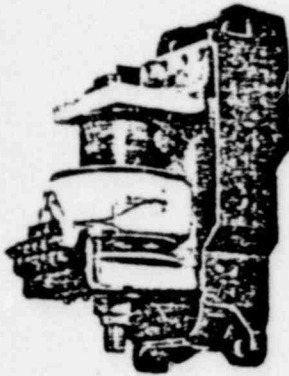
5A or 5B



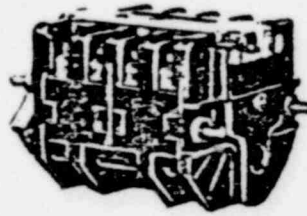
5C or 5D



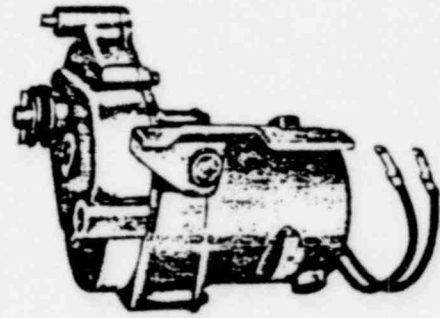
5E



5F or 5G

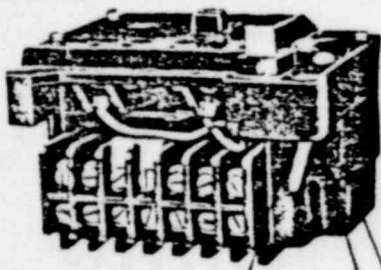


6A or 6B



7A

CONTROL DEVICE ASSEMBLY

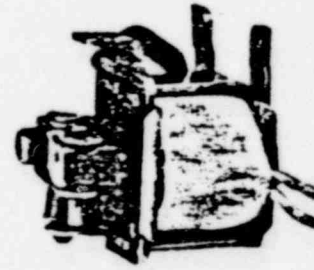


8A

CRACKS ARE IN THESE
AREAS RANGING FROM
1/4" to 1" IN LENGTH



9A



9B



10A

POOR 965 179
ORIGINAL

43088
43089
44284
50350

50458
50459
50460
50461

30080
30081
30082
30083

43028