

USNRC REGION II  
ATLANTA, GEORGIA

DUKE POWER COMPANY  
MCGUIRE NUCLEAR STATION  
INCIDENT INVESTIGATION REPORT FORM

81 OCT 20 P 1

ATT: Al Ignatonis

Incident Investigation Report Number: 81-220 Date: 10/19/81

Unit: 1 Time/Date of Incident: 7/23/81 Time/Date of Discovery: 10/19/81

Unit Status of Time of Incident: N/A

Description of Incident: Westinghouse has determined that the SAZ type relays do not meet the full surge withstand requirements of ANST C3790-1978. Duke has had a number of these relays in service for years in both safety and non-safety applications. As

Method of Discovery: such a surge could cause a false trip of the SAZ and thus trip a safety-related diesel generator. The item is repeatable

Immediate Corrective Action: Steps are underway to obtain modification kits from Westinghouse

Reportable Pursuant to Technical Specifications: 6.9.1.12 (a)

Time/Date Reported to Station Manager: 10/19/81

Time/Date Reported to General Office: 10/19/81

Time/Date Reported to NRC/OIB Region II: 1500 10/19/81

NRC Inspector Notified: Al Ignatonis

Type of Incident:  1<sup>st</sup> Day RO  21 Day RO  Other

Investigator Assigned: D.E.

Report Due to SRC On: N/A Report Due to G.O. Licensing On: N/A

Report Due to NRC On: 11/2/81

Time/Date Telecopied or Otherwise Transmitted: 1515 10/19/81

Prepared By: D.B. Campbell Phone: 875-1357

Reviewed By: \_\_\_\_\_ Station Manager Approval: \_\_\_\_\_

8110290424 811019  
PDR ADOCK 05000369  
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REGIONAL DIRECTOR  
DEPUTY DIRECTOR  
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DIRECTOR, EPOS  
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