



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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NOV 25 1980

50-313

MEMORANDUM FOR: E. L. Jordan, Deputy Director, Division of Resident and Regional Reactor Inspection, IE

FROM: R. Hermann, Senior Metallurgical Engineer, Reactor Engineering Branch, RRRI, IE

SUBJECT: FINAL REPORT - METALLURGICAL ANALYSIS OF FAILED TURBINE CASING BOLT FROM ARKANSAS POWER & LIGHT, UNIT 1

Parameters, Inc. has performed an independent metallurgical analysis of the failed studs from the Terry Turbine used to power the steam driven auxilliary feedwater pump. The final report is enclosed for your information.

R. A. Hermann
Reactor Engineering Branch
Division of Resident and
Regional Reactor Inspection
Office of Inspection and Enforcement

Enclosure: As stated

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