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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

NRC BULLETIN 90-01, SUPPLEMENT 1

LOSS OF FILL-OIL IN TRANSMITTERS MANUFACTURED BY ROSEMOUNT

HOUSTON LIGHTING & POWER COMPANY

CITY PUBLIC SERVICE BOARD OF SAN ANTONIO

CENTRAL POWER AND LIGHT COMPANY

CITY OF AUSTIN, TEXAS

DOCKET NOS. 50-498 AND 50-499

SOUTH TEXAS PROJECT, UNITS 1 AND 2

1.0 INTRODUCTION

NRC Bulletin 90-01, Supplement 1, was issued by the NRC on December 22, 1992, to inform addressees of activities taken by the NRC staff and the industry in evaluating Rosemount transmitters and to request licensees to take actions to resolve this issue. The supplement requests utilities to review the information for applicability to their facilities, perform testing on the transmitter commensurate with its importance to safety and demonstrated failure rate, and modify as appropriate their actions and enhanced surveillance programs.

The supplement also requested that the licensee provide a response that included a statement as to whether the licensee will take the actions requested, a list of specific actions that the licensee would complete, and the schedule for completing the actions. Additionally, when the specific actions committed to in the licensee's response were completed, the licensee was required to provide a statement confirming said completion. If the licensee did not plan to comply with all of the requested actions as delineated in the supplement, a statement was required identifying those requested actions not taken, as well as an evaluation which provided the bases for requested actions not taken.

2.0 DISCUSSION AND EVALUATION

The licensee for the South Texas Project, Units 1 and 2, Houston Lighting & Power Company, responded to NRC Bulletin 90-01, Supplement 1, in submittals dated March 4, and September 29, 1993, and January 31, 1995. The requested actions delineated in Supplement 1 asked that licensees review plant records and identify any Rosemount Model 1153 Series B, Model 1153 Series D, and Model 1154 transmitters manufactured before July 11, 1989, that are used or may be used in the future in either safety-related systems or systems installed in accordance with 10 CFR 50.62 (the ATWS rule). Additionally, the licensee was to commit to a specified enhanced surveillance monitoring frequency that corresponded to the normal operating pressure of the transmitters identified.

Furthermore, the licensee was requested to evaluate their enhanced surveillance monitoring program.

A detailed evaluation of the licensee's response is documented in the contractor's Technical Evaluation Report.

3.0 CONCLUSION

The staff has reviewed the licensee's response to NRC Bulletin 90-01, Supplement 1, and concluded that the licensee conforms to the requested actions and has completed the reporting requirements. Compliance with applicable NRC requirements may be the subject of NRC audits or inspections in the future.

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