

PART 21 IDENTIFICATION NO. 80-205-001 COMPANY NAME _____

DATE OF LETTER 4/14/80 DOCKET NO. St. Lucie

DATE DISTRIBUTED 4/17/80 ORIGINAL REPORT SUPPLEMENTARY

DISTRIBUTION:

REACTOR(R)

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CENTRAL FILES - SS-396

LOEB/MPA MNB 5715

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOW-UP AS SHOWN BELOW:

IE

NRR

NMSS

OTHER

- RCI
- ROI
- SG
- FFMSI

CRM-PSL
Ltr. Bk. # 948

POST OFFICE BOX 123 ST. LUCIE PLANT

Copies to: CFW, JHB, CAG, COW, REU, KMH

April 14, 1980

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80-205-001

To: Mr. J. P. O'Reilly, Director, Region II
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Atlanta, Georgia 30303

Long
Bryant
Stohr
Webster

From: Mr. C. M. Wothy, Plant Manager
St. Lucie Plant - DPR 67
Florida Power & Light Company
Miami, Florida

Subject: MEMO FOR FACSIMILE TRANSMISSION TO CONFIRM REPORT
REPORTABLE OCCURRENCE 335-80-16, 10 CFR PART 21 REPORT

Rosemount Model 1152 Pressure Transmitter Design Problem

This memo confirms our verbal notification of the subject 24 hour reportable occurrence per Tech. Spec. 6.9.1.8I and 10 CFR 21, to Mr. Austin Hardin of your office on Friday, April 11, 1980.

Occurrence: On April 11, 1980, it was determined that the application of certain Rosemount Model 1152 Pressure Transmitters resulted in a reportable situation. It has been observed by the manufacturer, and reported to us that in a limited number of the above model transmitters an input pressure either over or under the normal operating range causes an output within the normal range.

This model transmitter in parallel with a second transmitter by another manufacturer actuates Containment Vacuum Relief Valve FCV-25-7 on one vacuum relief line. An identical control arrangement exists for Containment Vacuum Relief Valve FCV-25-8 on a redundant vacuum relief line. These valves also perform a containment isolation function in the event of a LOCA. Each containment vacuum relief line contains a check valve to prevent flow out from the containment.

With an overpressure condition in containment, the Rosemount transmitters could open valves FCV-25-7 and FCV-25-8 even though the second transmitter functions properly. Assuming a failure of the check valves, the effect on the system is a loss of containment isolation capability.

The defective transmitters will be replaced with Class 1E, Seismic Category I qualified Rosemount Model 1153 Pressure Transmitters. This is to be accomplished prior to start-up of the unit on April 30, 1980. St. Lucie 1 has been engaged in re-fueling since March 15, 1980.

J.H. Bauer
C.M. Wothy
Plant Manager
St. Lucie Plant
CFW/DAC:esr

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