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ACCESSION NBR: 9007230269 DOC.DATE: 90/07/18 NOTARIZED: YES DOCKET #
 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
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 BOHLKE, W.H. Florida Power & Light Co.
 RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Responds to NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount."

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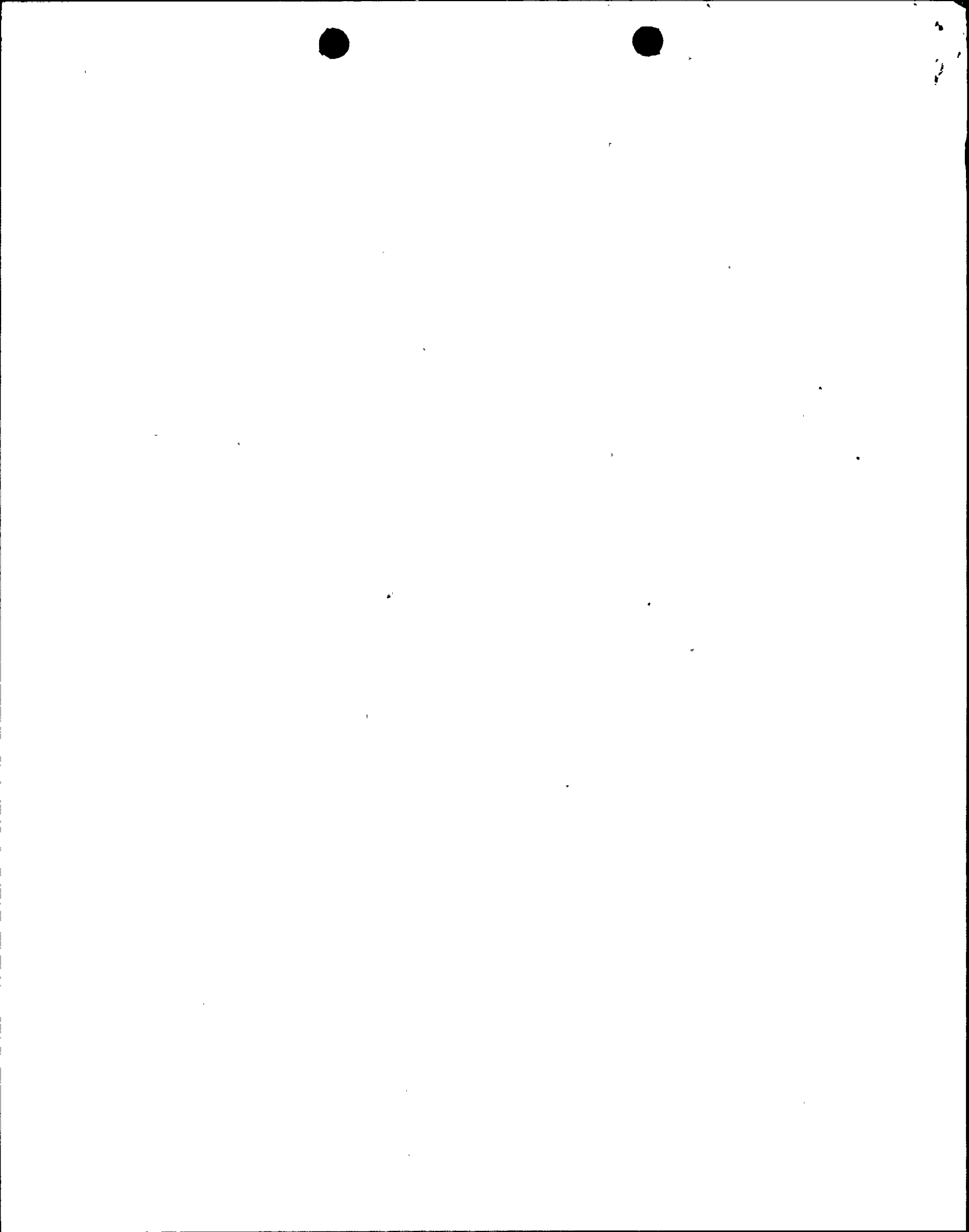
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P.O. Box 14000, Juno Beach, FL 33408-0420

~~JULY~~ 18, 1990.

L-90-258
10 CFR 50.54 (f)

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
NRC Bulletin 90-01
Loss of Fill-Oil in Transmitters Manufactured by Rosemount

Bulletin 90-01, "Loss of Fill-Oil in Transmitters Manufactured by Rosemount," requested that licensees take appropriate corrective actions for Model 1153 Series B, Model 1153 Series D, and Model 1154 transmitters manufactured by Rosemount that may be leaking fill-oil. In accordance with the bulletin, Florida Power and Light provides the attached response relative to the St. Lucie Plant.

Should there be any questions concerning this response, please contact us.

Very truly yours,

A handwritten signature in dark ink, appearing to read "W. H. Bohlke", written in a cursive style.

W. H. Bohlke
Vice President
Nuclear Engineering and Licensing

WHB/JMP/jat

Copies to: Stewart D. Ebnetter, Regional Administrator, Region II,
USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

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STATE OF FLORIDA)
COUNTY OF PALM BEACH) ss.

W.H. Bohlke, being first duly sworn, deposes and says:

That he is Vice President - Nuclear Engineering and Licensing of Florida Power and Light Company, the Licensee herein;

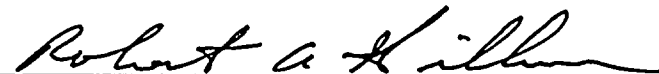
That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute the document on behalf of said Licensee.



W.H. Bohlke

Subscribed and sworn to before me this

18th day of July, 19 90.



Notary Public, in and for the County of Palm Beach,
State of Florida

NOTARY PUBLIC STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES DEC 26 1993

My Commission expires _____



Attachment

FLORIDA POWER AND LIGHT
ST. LUCIE UNITS 1 AND 2

NRC BULLETIN 90-01

LOSS OF FILL-OIL IN TRANSMITTERS MANUFACTURED BY ROSEMOUNT

Florida Power and Light provides the following information relative to St. Lucie Units 1 and 2 in response to NRC Bulletin 90-01:

Reporting Requirement 1.a)

1. Provide, within 120 days after receipt of this bulletin, a response that:
 - a) Confirms that Items 1, 2, 3, 4, and 5 of Requested Actions for Operating Reactors have been completed.

FPL Response:

Florida Power and Light confirms that the following actions have been completed:

1. All Rosemount transmitters models 1153 Series B, 1153 Series D and 1154 manufactured prior to July 11, 1989 currently utilized in either safety-related systems or systems installed in accordance with 10 CFR 50.62 have been identified. Transmitter identification was performed using the plant instrument index, the total equipment data base and field inspection. No transmitters were identified as being manufactured by Rosemount but supplied by a different vendor.
2. Transmitters from manufacturing lots having a high failure fraction due to loss of fill-oil have been identified. All such transmitters have been removed from service in the reactor protection and engineered safety features systems on both St. Lucie units.
3. Plant transmitter calibration records have been reviewed. There are no transmitters

which have exhibited symptoms of loss of fill-oil in service in any safety-related systems or systems in service in accordance with 10 CFR 50.62 in either St. Lucie unit at this time.

4. An enhanced surveillance program is in place for all Rosemount transmitters identified in Item 1.
5. A basis for continued operation has been formulated in accordance with Bulletin 90-01 guidelines.

Reporting Requirement 1.b)

1. Provide, within 120 days after receipt of this bulletin, a response that:
 - b) Identifies the indicated manufacturer; the model number; the system the transmitter was utilized in; the approximate amount of time at pressure; the corrective actions taken; and the disposition of Rosemount Model-1153 Series B, Model 1153 Series D, and Model 1154 transmitters that are believed to have exhibited symptoms indicative of loss of fill-oil or have been confirmed to have experienced a loss of fill-oil. This should include Model 1153 Series B, Model 1153 Series D and Model 1154 transmitters manufactured after July 11, 1989.

FPL Response:

Table One of this Attachment provides the requested information.

Reporting Requirement 1.c)

1. Provide, within 120 days after receipt of this bulletin, a response that:
 - c) Identifies the system in which the Model 1153 Series B, 1153 Series D, and Model 1154 transmitters from the manufacturing lots that have been identified by Rosemount as having a high failure fraction due to loss of fill-oil are utilized and provides a schedule for replacement of these transmitters which are in use in the reactor protection or engineered safety features actuation systems.

FPL Response:

There are no safety-related transmitters from the manufacturing lots



that have been identified by Rosemount as having a high failure fraction currently in service in either St. Lucie Unit 1 or St. Lucie Unit 2.

There are no safety-related transmitters from the manufacturing lots that have been identified by Rosemount as having a high failure fraction currently in service in the reactor protection systems or the engineered safeguards systems in either St. Lucie Unit 1 or St. Lucie Unit 2; therefore, no schedule for replacement is required.

Reporting Requirement 2

2. Model 1153 Series B, Model 1153 Series D and Model 1154 transmitters that, subsequent to providing the response required by Item 1 above, exhibit symptoms of loss of fill-oil or are confirmed to have experienced a loss of fill-oil should be reviewed for reportability under existing NRC regulations. If determined not to be reportable, addressees are requested to document and maintain, in accordance with existing plant procedures, information consistent with that requested in Item 1) above for each transmitter identified.

FPL Response:

Transmitters which exhibit symptoms of loss of fill-oil or are confirmed to have experienced a loss of fill-oil will be reviewed for reportability under existing NRC regulations. If determined not to be reportable, information such as the model number; the system the transmitter was utilized in; the approximate amount of time at pressure; the corrective actions taken; and the disposition of the transmitter will be documented and maintained.

Table One
Reporting Requirement 1.b

TRANSMITTERS SUSPECTED TO HAVE EXPERIENCED A LOSS OF FILL-OIL

<u>Transmitter Manufacturer</u>	<u>Transmitter Model Number</u>	<u>System</u>	<u>Time at Pressure</u>	<u>Corrective Actions</u>	<u>Disposition of Transmitter</u>
Rosemount	1153GD9PB, Serial Number 408575	Unit 1 Reactor Coolant System - Pressurizer	56 months	The transmitter has been removed from service.	The transmitter is being decontaminated prior to shipment to Rosemount for further analysis.
Rosemount	1153DB5, Serial Number 328254	Unit 2 Component Cooling Water	8 months	The transmitter has been removed from service.	The transmitter was sent to Rosemount for further analysis. Based upon test results, Rosemount determined that the transmitter had not experienced a loss of fill-oil.