

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 8494

FILE: _____

FROM: Florida Power & Light Co. Miami, Fla. Robert E. Uhrig		DATE OF DOC 8-5-75	DATE REC'D 8-11-75	LTR XXX	TWX	RPT	OTHER
TO: Mr. Donald F. Knuth		ORIG 1-signed	CC 2	OTHER	SENT NRC PDR _____ SENT LOCAL PDR _____		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 3	DOCKET NO: 50-335		

DESCRIPTION:
On 7-23-75 during the final cleaning the "1B1" steam generator primary head on the cold side at St. Lucie Unit No. 1 an area of corrosion (rust) was detected

PLANT NAME: St. Lucie #1

ENCLOSURES:

ACKNOWLEDGED

DO NOT REMOVE

FOR ACTION/INFORMATION 8-12-75 JGB

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- to Lic Asst.

1-1-77

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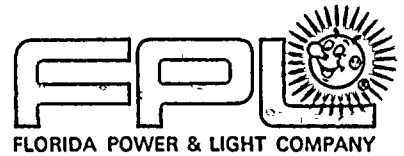
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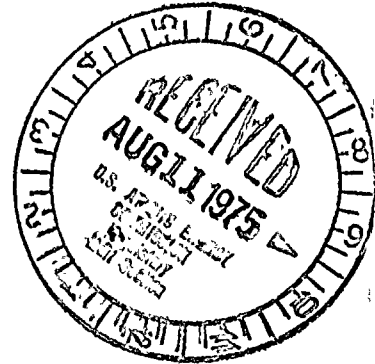


August 5, 1975
L-75-388

Regulatory

File by:

Mr. Donald F. Knuth, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



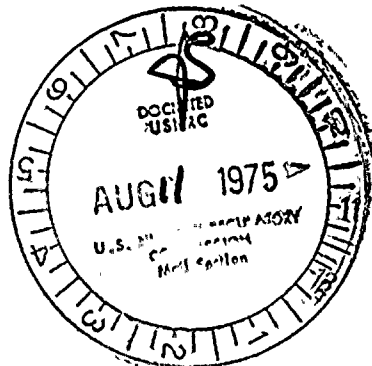
Dear Mr. Knuth:

Re: Construction Incident Report (Final)
Steam Generator 1B1 Primary Head Clad,
St. Lucie Unit No. 1 Docket No. 50-335

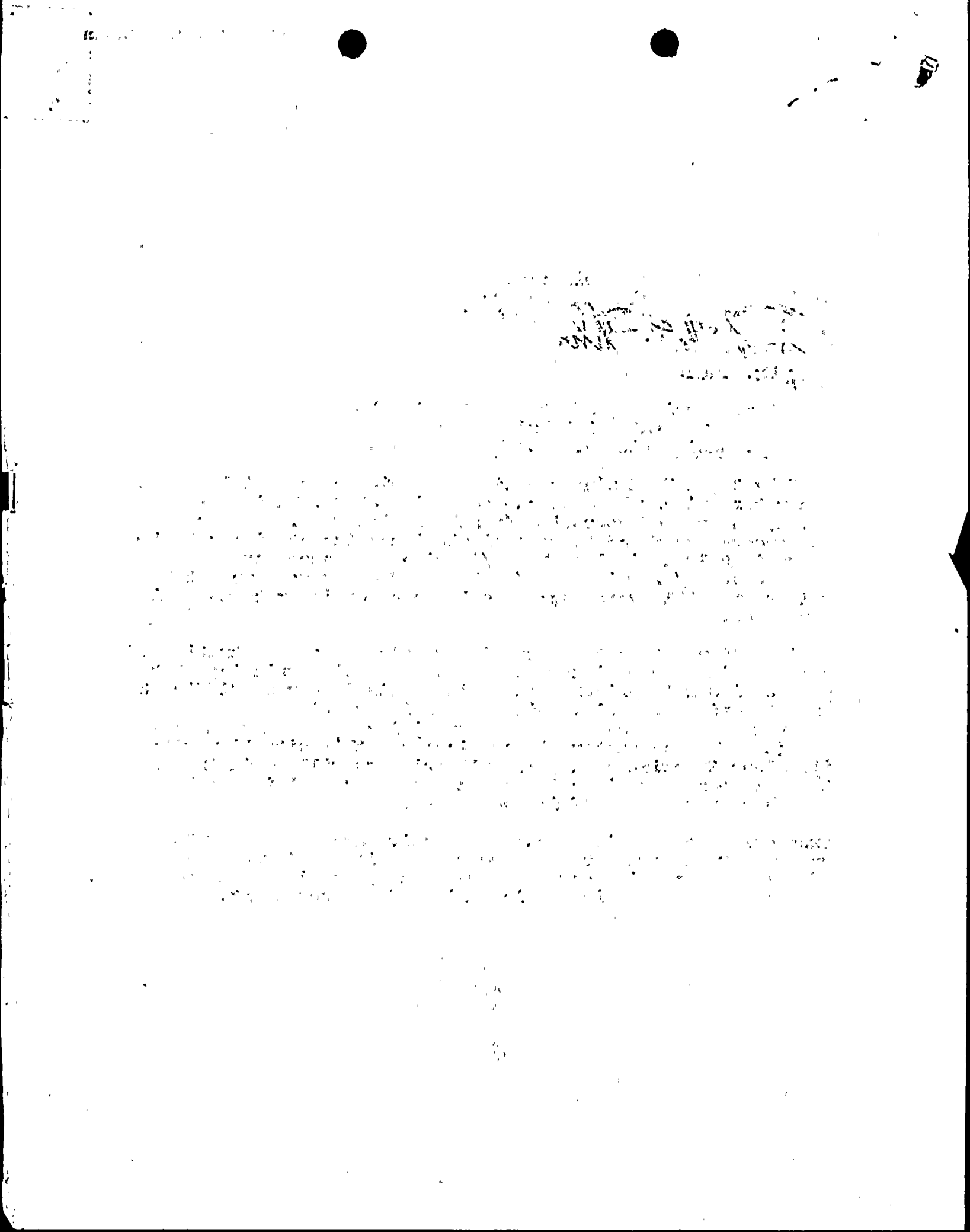
On July 23, 1975 during the final cleaning of the "1B1" steam generator primary head on the cold side at St. Lucie Unit No. 1, an area of corrosion (rust) was detected. The area of concern was found to be a single intermittent line totaling approximately 2" in length x 1/8" wide. A second area of concern was 3/32" wide by 3/4" long. These were found at the weld seam 6-111F which attaches the stay cylinder to the primary head.

It is believed that the corrosion resulted from penetration of the cladding caused inadvertently by excessive grinding at the stay cylinder-to-primary head weld. This is a very difficult area to grind properly. With proper instructions and care, however, the area can be ground sufficiently and accurately. C-E (the NSS Manufacturer) has discussed this situation with its Plant Superintendent, and all grinders will be instructed to apply more care in this area to assure that this problem does not present itself in the future.

Procedures for repair of these defective areas were developed and repair was conducted in accordance with ASME Code Case 1401-1. The repairs have been completed, and in no way do they reduce the quality or integrity of the component.



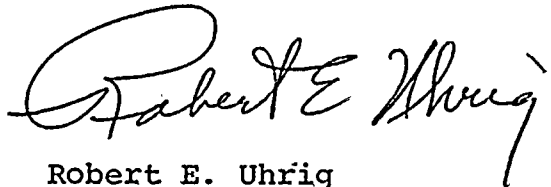
8494



Mr. Donald F. Knuth
August 5, 1975
Page 2

This is a final report submitted in accordance with 10 CFR
50.55 (e).

Yours very truly,

A handwritten signature in cursive script that reads "Robert E. Uhrig". The signature is written in dark ink and is positioned above the typed name.

Robert E. Uhrig
Vice President

REU:tq

cc: Jack R. Newman, Esquire
Mr. Norman C. Moseley

10-1-19

THE
STATE OF
NEW YORK
IN SENATE
JANUARY 1, 1919
REPORT
OF THE
COMMISSIONERS OF THE
LAND OFFICE
IN RESPONSE TO
RESOLUTION PASSED
BY THE SENATE
MAY 11, 1917
AND
MAY 11, 1918
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