



FLORIDA POWER & LIGHT COMPANY
February 19, 1976
L-76-61

Mr. John G. Davis, Acting Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Davis:

Re: 10 CFR 50.55(e) Final Report
Improper Containment Boundary
Quality Group Designation
St. Lucie Unit No. 1

50-335

On January 22, 1976, I forwarded an interim report to you concerning the improper quality group designation of a number of the containment boundary penetrations at St. Lucie Unit No. 1. A final report of this incident is herewith forwarded to you in accordance with 10 CFR 50.55(e).

Yours very truly,
J. A. De Mistry
for

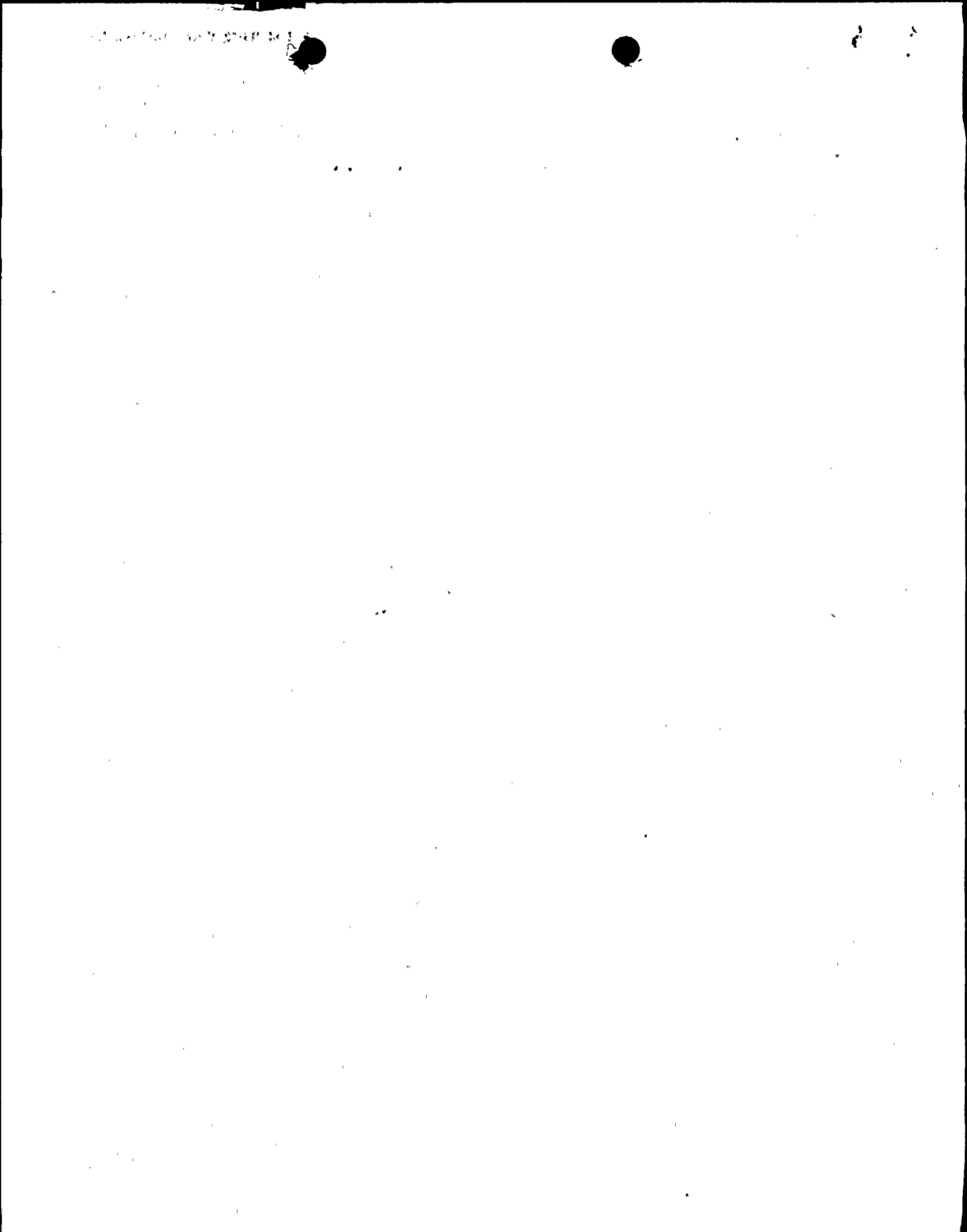
Robert E. Uhrig
Vice President

REU:nch
Attachment

cc: M. S. Kidd
Norman C. Moseley
Jack R. Newman, Esq.

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FLORIDA POWER & LIGHT COMPANY

ST. LUCIE PLANT - UNIT #1

FINAL REPORT

CONTAINMENT BOUNDARD
QUALITY GROUP DESIGNATION

February, 1976



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I. SUMMARY

During an updating of piping and instrumentation diagrams, it was noted that the lines and containment isolation valves attaching to fourteen containment penetration assemblies were designated as Quality Group C. Since these lines and their respective isolation valves comprise part of the containment boundary, the appropriate quality group designation is "B" as stated in FSAR Table 3.2-1.

A review to determine the additional NDE and other QA and code requirements necessary to upgrade Quality Group C lines and valves to Quality Group B has been performed. The upgrading efforts are complete with no major repair work having resulted from the efforts.

II. DESCRIPTION OF DEFICIENCY

The following containment penetration isolation boundary piping had been procured as Quality Group C in total or in part up to and including the containment isolation valves located outside containment:

<u>PENET. NO.</u>	<u>SERVICE</u>
14	Nitrogen Supply
15,17,19,21	Containment Fan Coolers Cooling Water Return
16,18,20,22	Containment Fan Coolers Cooling Water Supply
23	Reactor Coolant Pump Cooling Water Supply
24	Reactor Coolant Pump Cooling Water Return



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Dear Mr. [Name],

I have received your letter of the 15th and am sorry that I cannot give you a more definite answer at this time. The matter is being reviewed and I will contact you again as soon as a final decision has been reached.

I am sure that you will understand the need for thoroughness in this process. We will be in touch with you again.

Very truly yours,

[Signature]

[Address]

[City, State, Zip]

[Phone Number]

PENET. NO.

SERVICE

31

Containment Vent Header

41

Safety Injection Tank Test Line

43

Reactor Drain Tank Pump Suction

The differences between Quality Group B and C (code class 2 and 3, respectively) are mainly manifest in the quality assurance requirements, ie, level of nondestructive examination (NDE), materials traceability, and inservice inspection. Design code stress allowables remain unchanged as noted in FSAR Table 3.9-3.

Section IV of this report provides a tabulation of the NDE performed for the components under consideration.

III. SAFETY IMPLICATIONS

While no real consequence is to be expected from the improper classification of these components since code class 2 and 3 components have identical design stress requirements, a deviation from stated FSAR requirements was in evidence.

IV. CORRECTIVE ACTION

All piping valves, fittings, field welds and shop welds associated with the aforementioned penetrations were investigated as a result of the upgrading effort to establish the level of NDE previously required by code class 3 of the design codes applicable to St. Lucie Unit 1 (and/or by Ebasco design

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is essential for the proper management of the organization's finances and for ensuring compliance with applicable laws and regulations.

2. The second part of the document outlines the specific procedures that must be followed when recording transactions. This includes the requirement that all entries be supported by appropriate documentation, such as invoices, receipts, and contracts.

3. The third part of the document discusses the role of the accounting department in ensuring the accuracy and integrity of the financial records. It highlights the need for regular audits and reconciliations to identify and correct any errors or discrepancies.

4. The fourth part of the document addresses the issue of confidentiality and the protection of sensitive financial information. It stresses the importance of implementing robust security measures and ensuring that only authorized personnel have access to the data.

5. The fifth part of the document concludes by reiterating the overall goal of the document, which is to provide a clear and comprehensive guide for the management of the organization's financial records. It encourages all staff members to adhere strictly to the outlined procedures and to maintain the highest standards of accuracy and integrity.

specifications which often exceed minimum code requirements) for comparison with the level of NDE required by code class 2 of those codes (refer to Table 1). Additional NDE required has been completed. Records of all radiography, magnetic particle and/or liquid penetrant tests performed are on file at the Ebasco site Quality Control Department.

Minor defects uncovered by NDE have been resolved using procedures which are in accordance with the applicable codes. All areas will be satisfactorily completed prior to fuel loading, scheduled for March 1, 1976.



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COMPARISON OF CODE CLASS 2 and 3 NDE REQUIREMENTS *

COMPONENT	CODE CLASS 2		CODE CLASS 3	
	EBASCO SPEC 850-10	CODE	EBASCO SPEC 850-10	CODE
Seamless Piping	100% UT weld ends - LP	Mat'l Spec	Mat'l Spec	Mat'l Spec
Forged Fittings	100% UT 100% LP or MT	Mat'l Spec	100% LP or MT	Mat'l Spec
Cast Fittings	100% RT 100% LP or MT	LP or MT Static: RT Centrifugal: UT to RT	RT (to 2" from weld end) LP or MT	Mat'l Spec
Butt Welds	100% RT 100% LP or MT	100% RT MT \leq 4"NPS	10% RT \geq 2 1/2" 100% Visual	Random RT $>$ 4" 100% Visual
Socket Welds 2" and under	LP or MT	LP or MT	Not Req'd	Not Req'd
Branch Conn.	100% RT \geq 4" 100% LP or MT	100% RT $>$ 4" LP or MT \leq 4"	10% RT \geq 4"	Random LP or MT 4" and over
Cast Valves	100% RT 100% LP or MT	RT + LP or MT	RT (to 2" from weld end) 100% LP or MT	Not req'd
Forged Valves	100% UT \geq 2 1/2" 100% LP or MT	Mat'l Spec	100% LP or MT	Mat'l Spec

*ANSI B31.7 (1969), 1968 Draft Pump & Valve Code, Ebasco Spec 850-10



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