

MAR 23 1976

Distribution

Docket File

Local PDR
NRC PDR
Tic
LWR #3
OELD
IE (3)
NDube w/o encl

BJones w/encl (4)
RCDeYoung
JMcGough w/encl
CHebron w/ol only
DFoster w/ol
JSaltzman, OAI
w/o Tech Specs
HRood
WMiller w/o Tech Specs

DLynch, EP

~~E~~Goulbourne (2)
MDuncan, EP
ACRS (16)
DMuller
BScharf (15) fr orig
LWR Tech Coordinators
KGoller
DSkovholt
DSilver
BCC: JRBUchanan, ONRL
TBabernathy, DTIE
ASLAB
ASLAP

Docket No. 50-335

Florida Power and Light Company
ATTN: Dr. Robert E. Uhrig
Vice President
Nuclear and General Engineering
P. O. Box 3100
Miami, Florida 33101

MAR 23 1976

Gentlemen:

By letter dated March 18, 1976, you requested that the requirements of the St. Lucie 1 Technical Specifications relating to operability of a containment penetration valve be suspended until the first refueling shutdown. Facility Operating License No. DPR-67 is amended, effective immediately, by making the following Technical Specification change: "The requirements of Technical Specification 3.6.3.1 relating to the operability of the containment isolation valve on containment penetration number 54 are suspended from applicability until the valve installation. This suspension shall not exceed beyond the first refueling outage. This suspension is subject to the following provisions:

1. Penetration 54 is and remains sealed by a blind flange installed at each end of the penetration.
2. Penetration 54, with the 2 blind flanges installed, has been subjected to a Type B penetration test at peak accident pressure, and has been shown to meet the leakage acceptance criteria of 10 CFR Part 50, Appendix J."

Copies of the license amendment, Federal Register Notice, and Safety Evaluation for this technical specification change are enclosed.

Sincerely,

Original Signed by

Olan D. Parr, Chief
Light Water Reactors
Branch No. 3
Division of Project Management

Enclosures & ccs:
See page 2

*SEE PREVIOUS YELLOW FOR CONCURRENCES

OFFICE >	DPM:LWR #3	DPM:LWR #3	ELD	DPM:LWR #3	
SURNAME >	*EIGoulbourne	*HRood	*	ODParr	
DATE >	3/ /76	3/ /76	3/ /76	3/2/76	

Distribution

Docket File	BJones w/encl (4)	ODLynch, EP
Local PDR	RCDeYoung	EGoulbourne (2)
NRC PDR	JMcGough w/encl	MDuncan, EP
TIC	CHebron w/ol only	ACRS (16)
LWR #3	DFoster w/ol	DMuller
Docket No. 50-335	JSaltzman, OAI	BScharf (15) fr orig
OELD	w/o Tech Specs	LWR Tech Coordinators
IE (3)	HRood	KGoller
NDube w/o encl	WMiller w/o Tech Specs	DSkovholt
		DSilver
Florida Power and Light Company		BCC: JRBuchanan, ORNL
ATTN: Dr. Robert E. Uhrig, Vice President		TBAbernathy, DTIE
Nuclear and General Engineering		ASLAB
P. O. Box 3100		ASLAP
Miami, Florida 33101		

Gentlemen:

By letter dated March 18, 1976, you requested that the requirements of the St. Lucie 1 Technical Specifications relating to operability of a containment penetration valve be suspended until the first refueling shutdown. Facility Operating License No. DPR-67 is amended, effective immediately, by making the following Technical Specification change: "The requirements of Technical Specification 3.6.3.1 relating to the operability of the containment isolation valve on containment penetration number 54 are suspended from applicability until the first refueling outage. This suspension is subject to the following provision:

1. Penetration 54 is and remains sealed by a blind flange installed at each end of the penetration.
2. Penetration 54, with the 2 blind flanges installed, has been subjected to a type B penetration test at peak accident pressure, and has been shown to meet the leakage acceptance criteria of 10 CFR Part 50, Appendix J."

Copies of the license amendment, Federal Register Notice, and Safety Evaluation for this technical specification change are enclosed.

Sincerely,

Olan D. Parr, Chief
 Light Water Reactors
 Branch No. 3
 Division of Project Management

Enclosures:

1. Amendment No. 2 to Facility Operating License

OFFICE	2.	No. DPR-67	DPM:LWR #3	DPM:LWR #3	ELD	DPM:LWR #3
SURNAME	3.	Federal Register Notice	EIGoulbourne:	HRood	Kitchey	ODParr
DATE	CC:	See page 2	3/22/76	3/22/76	3/23/76	3/23/76

Florida Power and Light
Company

- 2 -

MAR 23 1976

Enclosures:

1. Amendment No. 2 to
Facility Operating License
No. DPR-67
2. Federal Register Notice
3. Safety Evaluation

cc: Jack R. Newman, Esq.
Lowenstein, Newman, Reis & Axelrad
1025 Connecticut Avenue, N. W.
Washington, D. C. 20036

Norman A. Coll, Esq.
McCarthy, Steel, Hector & Davis
14th Floor, First National Bank Building
Miami, Florida 33131

Mr. John L. McQuigg
P. O. Box 1408
Stuart, Florida 33494

Mr. Ed Maroney
Bureau of Intergovernmental Relations
725 South Bronough Street
Tallahassee, Florida 32304

Mr. Weldon B. Lewis
County Administrator
St. Lucie County
P. O. Box 700
Ft. Pierce, Florida 33450

Mr. Shepard N. Moore, Region IV
Environmental Protection Agency
1421 Peachtree Street, N. E., Suite 300
Atlanta, Georgia 30390

Mr. Bruce Blanchard
Environmental Projects Review
Department of the Interior
Room 5321
18th and C Streets, N. W.
Washington, D. C. 20240

Chief-TIRB (2)
Technology Assessment Division
Office of Radiation Programs
EPA, Room 647A, East Tower
Waterside Mall
401 M Street, S. W.
Washington, D. C. 20460

MAR 23 1976

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-335

ST. LUCIE PLANT UNIT NO. 1

FACILITY OPERATING LICENSE

Amendment No. 2
License No. DPR-67

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Florida Power and Light Company (the licensee) dated March 18, 1976, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations; and
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.
2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C(2) of Facility License No. DPR-67 is hereby amended to read as follows:

OFFICE						
SURNAME						
DATE						

MAR 23 1976

"(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Amendment No. 2.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by

Olan D. Parr, Chief
Light Water Reactors
Branch No. 3
Division of Project Management

Attachment:
Amendment No. 2 to the
Technical Specifications

Date of Issuance MAR 23 1976

OFFICE	DPM:LWR #3	DPM:LWR #3	ELD	DPM:LWR #3		
SURNAME	EID Bourne	HRood	Ketchum	ODParr		
DATE	3/23/76	3/23/76	3/23/76	3/23/76		

AMENDMENT NO. 2 TO

FACILITY OPERATING LICENSE

The requirements of Technical Specification 3.6.3.1 relating to the operability of the containment isolation valve on containment penetration number 54 are suspended from applicability until gate valve I-V00101(612) is installed. This suspension shall not extend beyond the first refueling outage. This suspension is subject to the following provisions:

1. Penetration 54 is and remains sealed by a blind flange installed at each end of the penetration, and
2. Penetration 54, with the 2 blind flanges installed, has been subjected to a type B penetration test at peak accident pressure, and has been shown to meet the leakage acceptance criteria of 10 CFR Part 50, Appendix J.

MAR 23 1976

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-335

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE PLANT UNIT NO. 1

NOTICE OF ISSUANCE OF AMENDMENT TO
FACILITY OPERATING LICENSE

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 2 to Facility Operating License No. DPR-67 issued to Florida Power and Light Company. The amendment revises the Technical Specifications for operation of the St. Lucie Plant Unit No. 1 located in St. Lucie County, Florida, and is effective as of its date of issuance.

The amendment suspends the Technical Specification which requires the operability of a valve on containment penetration No. 54 until the first refueling outage. Until the first refueling outage, the valve will not be installed. During this time, the penetration will be sealed by two blind flanges, which meet the leakage acceptance criteria of 10 CFR Part 50, Appendix J.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings required by the Act and the Commission's rules and regulations in 10 CFR Chapter I. These findings are set forth in the license amendment. Prior public notice of this amendment is not required because the amendment does not involve a significant hazards consideration.

OFFICE ➤						
SURNAME ➤						
DATE ➤						

MAR 23 1976

For further details with respect to this action, see (1) the application for amendment dated March 18, 1976, (2) Amendment No. 2 to license No. DPR-67, and (3) the Commission's related safety evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C., and at the Indian River College Library, 3209 Virginia Avenue, Ft. Pierce, Florida 33450. A copy of items (2) and (3) may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Project Management.

Dated at Bethesda, Maryland this **23** day of March 1976.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by

Olan D. Parr, Chief
 Light Water Reactors
 Branch No. 3
 Division of Project Management

OFFICE >	DPM:LWR #3	DPM:LWR #3	OELD	DPM:LWR #3	
SURNAME >	EIGou Durne:mt	HRood	Ketchen PK	ODParr	
DATE >	3/23/76	3/24/76	3/23/76	3/23/76	



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

SAFETY EVALUATION BY OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 2 TO DPR-67

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE PLANT UNIT NO. 1

DOCKET NO. 50-335

Introduction

By letter dated March 18, 1976, the licensee requested a change to Technical Specification 3.6.3.1 for St. Lucie 1. This specification requires that the containment penetration valves listed in Table 3.6-2 of the Technical Specifications be operable prior to the plant entering Mode 4, scheduled for March 24, 1976.

Discussion

The licensee states that the valve on penetration 54 is not currently installed. This valve is used only when performing an integrated leak rate test on the containment. The next integrated leak rate test is estimated for 1978.

At present Table 3.6-2 of the Technical Specifications requires that penetration 54 be sealed by a blind flange inside containment and that penetration 54 be sealed by a gate valve outside containment. Technical Specification 3.6.3.1 requires that this valve be operable before the plant enters Mode 4 operation. The applicant proposes using a blind flange on both ends of penetration 54 until the gate valve is installed.

General Design Criteria 54 states that piping systems penetrating the containment must have redundancy and performance capabilities which reflect the importance to safety of isolating these piping systems.

The licensee's proposal meets the redundancy requirement of General Design Criteria 54. In addition, to verify the performance capabilities of the penetration, we require that penetration 54 be tested with a Type B penetration test at peak accident pressure and that penetration 54 be shown to meet the acceptance criteria of 10 CFR Part 50, Appendix J.

The applicant has verbally indicated that penetration 54 has been subjected to a Type B test and found acceptable.

Based on the above analysis we find that the isolation for penetration 54 as proposed by the licensee and that the requirement for a Type B penetration test provide a level of safety equivalent to that of one blind flange and one operable gate valve required by the present Technical Specifications.

Conclusions

We have reviewed the information provided by the licensee and we have concluded, based on the considerations discussed above, that (1) because the changes do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the changes do not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Therefore, the portion of Technical Specification 3.6.3.1 relating to operability of the valve on penetration 54 is suspended until the valve is installed, provided that (1) the blind flanges on each end of the penetration remain in place, and (2) the penetration has been tested as a Type B penetration at peak accident pressure and has been shown to meet the acceptance criteria of 10 CFR Part 50, Appendix J. This suspension shall not extend beyond the first refueling outage.



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

SAFETY EVALUATION BY OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 2 TO DPR-67

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE PLANT UNIT NO. 1

DOCKET NO. 50-335

Introduction

By letter dated March 18, 1976, the licensee requested a change to Technical Specification 3.6.3.1 for St. Lucie 1. This specification requires that the containment penetration valves listed in Table 3.6-2 of the Technical Specifications be operable prior to the plant entering Mode 4, scheduled for March 24, 1976.

Discussion

The licensee states that the valve on penetration 54 is not currently installed. This valve is used only when performing an integrated leak rate test on the containment. The next integrated leak rate test is estimated for 1978.

At present Table 3.6-2 of the Technical Specifications requires that penetration 54 be sealed by a blind flange inside containment and that penetration 54 be sealed by a gate valve outside containment. Technical Specification 3.6.3.1 requires that this valve be operable before the plant enters Mode 4 operation. The applicant proposes using a blind flange on both ends of penetration 54 until the gate valve is installed.

General Design Criteria 54 states that piping systems penetrating the containment must have redundancy and performance capabilities which reflect the importance to safety of isolating these piping systems.

The licensee's proposal meets the redundancy requirement of General Design Criteria 54. In addition, to verify the performance capabilities of the penetration, we require that penetration 54 be tested with a Type B penetration test at peak accident pressure and that penetration 54 be shown to meet the acceptance criteria of 10 CFR Part 50, Appendix J.

The applicant has verbally indicated that penetration 54 has been subjected to a Type B test and found acceptable.

Based on the above analysis we find that the isolation for penetration 54 as proposed by the licensee and that the requirement for a Type B penetration test provide a level of safety equivalent to that of one blind flange and one operable gate valve required by the present Technical Specifications.

Conclusions

We have reviewed the information provided by the licensee and we have concluded, based on the considerations discussed above, that (1) because the changes do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the changes do not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Therefore, the portion of Technical Specification 3.6.3.1 relating to operability of the valve on penetration 54 is suspended until the valve is installed, provided that (1) the blind flanges on each end of the penetration remain in place, and (2) the penetration has been tested as a Type B penetration at peak accident pressure and has been shown to meet the acceptance criteria of 10 CFR Part 50, Appendix J. This suspension shall not extend beyond the first refueling outage.