

FEBRUARY 2 1982

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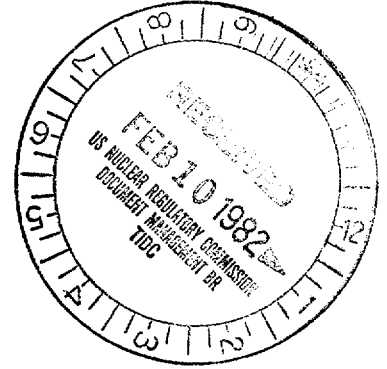
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Docket No. 50-302

Mr. J. A. Hancock
 Vice President
 Nuclear Operations
 Florida Power Corporation
 ATTN: Manager, Nuclear Licensing
 P. O. Box 14042; M.A.C. H02
 St. Petersburg, Florida 33733

Dear Mr. Hancock:



The Commission has issued the enclosed Amendment No. 50 to Facility Operating License No. DPR-72 for the Crystal River Unit No. 3 Nuclear Generating Plant (CR-3). The amendment consists of changes to the Technical Specifications (TSs) in response to your application dated March 21, 1979, as revised December 28, 1981 (TS Change Request No. 38). A change to your proposed TSs, as discussed with and agreed to by your staff, has been made.

This amendment adds 120 snubbers to Table 3.7-3 of the TSs and designates all snubbers in the reactor building as inaccessible during reactor operation.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

cp
1

ORIGINAL SIGNED BY

Sydney Miner, Project Manager
 Operating Reactors Branch #4
 Division of Licensing

Enclosures:

1. Amendment No. 50
2. Safety Evaluation
3. Notice

cc w/enclosures:
 See next page

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 PDR ADOCK 05000302
 P PDR

Wagner
no legal objection to emit + ER notice only

OFFICE	ORB#4:DL	ORB#4:DL	ORB#4:DL	C-ORB#4:DL	AD:OR:DL	OELD	
SURNAME	RIngram;cf	PERickson	SMiner	JStolz	TNovak	STrebn	
DATE	1/26/82	1/20/82	1/26/82	1/17/82	1/15/82	1/28/82	



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 WASHINGTON, D.C. 20555
February 2, 1982

DISTRIBUTION
 Docket File
 ORB#4 Rdg
 RIngram

Docket No. 50-302

Docketing and Service Section
 Office of the Secretary of the Commission

SUBJECT: CRYSTAL RIVER UNIT NO. 3 NUCLEAR GENERATING PLANT

Two signed originals of the Federal Register Notice identified below are enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (12) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Availability of Applicant's Environmental Report.
- Notice of Proposed Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Other: Amendment No. 50.
Referenced documents have been provided PDR.

Division of Licensing
 Office of Nuclear Reactor Regulation

Enclosure:
 As Stated

OFFICE →	ORB#4:DL				
SURNAME →	RIngram;cf				
DATE →	2/2/82				



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

February 2, 1982

Docket No. 50-302

Mr. J. A. Hancock
Vice President
Nuclear Operations
Florida Power Corporation
ATTN: Manager, Nuclear Licensing
P. O. Box 14042; M.A.C. H-2
St. Petersburg, Florida 33733

Dear Mr. Hancock:

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This amendment adds 120 snubbers to Table 3.7-3 of the TSs and designates all snubbers in the reactor building as inaccessible during reactor operation.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

A handwritten signature in cursive script that reads "Sydney Miner".

Sydney Miner, Project Manager
Operating Reactors Branch #4
Division of Licensing

Enclosures:

1. Amendment No. 50
2. Safety Evaluation
3. Notice

cc w/enclosures:
See next page

Crystal River Unit No. 3
Florida Power Corporation

50-302

cc w/enclosure(s):

Mr. S. A. Brandimore
Vice President and General Counsel
P. O. Box 14042
St. Petersburg, Florida 33733

Mr. Wilbur Langely, Chairman
Board of County Commissioners
Citrus County
Iverness, Florida 36250

Regional Radiation Representative
EPA Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30308

Crystal River Public Library
668 N. W. First Avenue
Crystal River, Florida 32629

Mr. Robert B. Borsum
Babcock & Wilcox
Nuclear Power Generation Division
Suite 220, 7910 Woodmont Avenue
Bethesda, Maryland 20814

Mr. Tom Stetka, Resident Inspector
U.S. Nuclear Regulatory Commission
Route #3, Box 717
Crystal River, Florida 32629

Mr. Dan C. Poole
Nuclear Plant Manager
Florida Power Corporation
P. O. Box 219
Crystal River, Florida 32629

cc w/enclosure(s) & incoming dtd.:
3/21/79, 12/28/81
Bureau of Intergovernmental Relations
660 Apalachee Parkway
Tallahassee, Florida 32304

Administrator
Department of Environmental Regulation
Power Plant Siting Section
State of Florida
2600 Blair Stone Road
Tallahassee, Florida 32301

Attorney General
Department of Legal Affairs
The Capitol
Tallahassee, Florida 32304

Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission, Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303



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

FLORIDA POWER CORPORATION
CITY OF ALACHUA
CITY OF BUSHNELL
CITY OF GAINESVILLE
CITY OF KISSIMMEE
CITY OF LEESBURG
CITY OF NEW SMYRNA BEACH AND UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH
CITY OF OCALA
ORLANDO UTILITIES COMMISSION AND CITY OF ORLANDO
SEBRING UTILITIES COMMISSION
SEMINOLE ELECTRIC COOPERATIVE, INC.
CITY OF TALLAHASSEE

DOCKET NO. 50-302

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 50
License No. DPR-72

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Florida Power Corporation, et al (the licensees) dated March 21, 1979, as revised December 28, 1981, 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;
 - 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; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

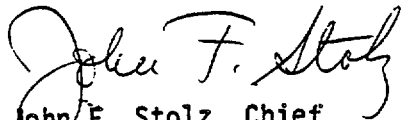
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-72 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 50, are hereby incorporated in the license. Florida Power Corporation shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 2, 1982

ATTACHMENT TO LICENSE AMENDMENT NO. 50

FACILITY OPERATING LICENSE NO. DPR-72

DOCKET NO. 50-302

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

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CRYSTAL RIVER - UNIT 3

3/4 7-27

Amendment No. 50

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

<u>SNUBBER NO.</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE**** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
Reactor Building Spray System				
BSH-14	RB 137'-0"	I	No	No
BSH-15	RB 140'-0"	I	No	No
BSH-19	RB 150'-0"	I	No	No
BSR-31	AB 83'-0"	A	No	No
BSR-35	AB 83'-0"	A	No	No
Core Flood System				
CFH-12	RB 116'-7"	I	No	Yes
CFH-13	RB 111'-4"	I	No	No
CFH-14	RB 110'-6"	I	No	No
CFH-15	RB2 120'-9"	I	Yes	Yes
CFH-16	RB2 120'-9"	I	Yes	No
CFH-17	RB2 120'-9"	I	Yes	No
CFH-18	RB2 120'-9"	I	Yes	No
CFH-19	RB2 123'-0"	I	Yes	Yes
Decay Heat Closed Cycle Cooling System				
DCR-31	AB 107'-0"	A	No	No
DCR-33E	AB 99'-0"	A	No	No
DCR-33W	AB 99'-0"	A	No	No

CRYSTAL RIVER - UNIT 3

3/4 7-28

Amendment No. 50

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

<u>SNUBBER NO.</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE**** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
Decay Heat Removal System				
DHH-17	RB 110'-6"	I	No	No
DHH-18	RB 110'-6"	I	No	No
DHH-19	RB 109'-0"	I	No	No
DHH-20	RB2 115'-0"	I	Yes	No
DHH-21	RB2 117'-0"	I	Yes	Yes
DHH-22	RB2 117'-0"	I	Yes	Yes
DHH-23	RB 110'-6"	I	No	Yes
DHH-24	RB 109'-3"	I	No	No
DHH-25	RB 110'-6"	I	No	Yes
DHH-26H	RB 110'-6"	I	No	No
DHH-26V	RB 110'-6"	I	No	No
DHH-27	RB 110'-6"	I	No	Yes
DHH-35	RB2 152'-5"	I	Yes	No
DHH-36	RB2 152'-5"	I	Yes	No
DHH-37	RB2 159'-7"	I	Yes	Yes
DHH-38	RB2 160'-1"	I	Yes	Yes
DHH-39	RB2 165'-9"	I	Yes	No
DHH-661	AB 86'-6"	I	Yes	No
DHR-18	AB 84'-7"	I	Yes	No
DHR-21	AB 103'-6"	A	No	No
DHR-24U	AB 129'-6"	A	No	No
DHR-24L	AB 129'-6"	A	No	No
DHR-28	AB 134'-4"	A	No	No
DHR-31	AB 84'-9"	I	Yes	No
DHR-37	AB 85'-6"	I	Yes	No
DHR-49	AB 85'-6"	I	Yes	No

CRYSTAL RIVER - UNIT 3

3/4 7-29

Amendment No. 50

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

SNUBBER NO.	SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION	ACCESSIBLE OR INACCESSIBLE (A or I)	HIGH RADIATION ZONE**** (Yes or No)	ESPECIALLY DIFFICULT TO REMOVE (Yes or No)
Emergency Feedwater System				
EFH-14U	RB 115'-0"	I	No	No
EFH-14L	RB 115'-0"	I	No	No
EFH-15U	RB 115'-0"	I	No	No
EFH-15L	RB 115'-0"	I	No	No
EFH-27	RB2 145'-9"	I	Yes	Yes
EFH-28	RB2 145'-9"	I	Yes	Yes
EFH-92	IB 140'-0"	A	No	No
EFH-93	IB 131'-8"	A	No	No
EFH-94	IB 131'-8"	A	No	No
EFH-95	IB 140'-0"	A	No	No
EFH-96	IB 141'-3"	A	No	No
EFH-106	IB 141'-3"	A	No	No
EFH-107	IB 141'-3"	A	No	No
EFH-108	IB 141'-3"	A	No	No
EFH-109	IB 133'-0"	A	No	No
EFH-110	IB 133'-0"	A	No	No
EFH-141	IB 126'-6"	A	No	No
EFH-143	IB 133'-6"	A	No	No
EFH-144	IB 141'-3"	A	No	No

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

SNUBBER NO.	SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION	ACCESSIBLE OR INACCESSIBLE (A or I)	HIGH RADIATION ZONE**** (Yes or No)	ESPECIALLY DIFFICULT TO REMOVE (Yes or No)
Feedwater System				
FWH-122	RB 131'-0"	I	No	No
FWH-123	RB 146'-0"	I	No	No
FWH-124	RB 149'-0"	I	No	No
FWH-125	RB2 137'-0"	I	Yes	Yes
FWH-126	RB 123'-0"	I	No	No
FWH-127	RB 126'-0"	I	No	No
FWH-128	RB 146'-0"	I	No	No
FWH-129	RB 154'-0"	I	No	Yes
FWH-130	RB 154'-0"	I	No	Yes
FWH-131	RB 154'-0"	I	No	Yes
FWH-132	RB 154'-0"	I	No	Yes
FWH-133	RB2 138'-0"	I	Yes	No
FWH-138	IB 136'-0"	A	No	No
FWH-139	IB 136'-0"	A	No	No
FWH-140	IB 136'-0"	A	No	No
FWH-141	IB 136'-0"	A	No	No
FWH-142	IB 136'-0"	A	No	No
FWH-143	IB 142'-0"	A	No	No
FWH-144	IB 136'-0"	A	No	No
FWH-145	IB 136'-0"	A	No	No
FWH-146	IB 133'-0"	A	No	No
FWH-147	IB 133'-0"	A	No	No
FWH-148	IB 133'-0"	A	No	No

CRYSTAL RIVER - UNIT 3

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Amendment No. 50

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

SNUBBER NO.	SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION	ACCESSIBLE OR INACCESSIBLE (A or I)	HIGH RADIATION ZONE**** (Yes or No)	ESPECIALLY DIFFICULT TO REMOVE (Yes or No)
Feedwater System (Continued)				
FWH-149	IB 133'-0"	A	No	No
FWH-150	IB 133'-0"	A	No	No
FWH-151	IB 131'-0"	A	No	No
FWH-152	IB 131'-0"	A	No	No
FWH-153	IB 131'-0"	A	No	No
FWH-154	IB 131'-0"	A	No	No
FWH-155	IB 131'-0"	A	No	No
FWH-156	IB 131'-0"	A	No	No
FWH-157	IB 136'-0"	A	No	No
FWH-158	IB 136'-0"	A	No	No
FWH-159	IB 136'-0"	A	No	No
FWH-160	IB 136'-0"	A	No	No
FWH-161	IB 136'-0"	A	No	No
FWH-162	IB 142'-0"	A	No	No
FWH-163	IB 136'-0"	A	No	No
FWH-164	IB 136'-0"	A	No	No
FWH-165	IB 134'-0"	A	No	No
FWH-166	IB 134'-0"	A	No	No
FWH-167	IB 134'-0"	A	No	No
FWH-168	IB 134'-0"	A	No	No
FWH-169	IB 134'-0"	A	No	No
FWH-170	IB 134'-0"	A	No	No
FWH-171	IB 119'-0"	A	No	No

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

SNUBBER NO.	SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION	ACCESSIBLE OR INACCESSIBLE (A or I)	HIGH RADIATION ZONE**** (Yes or No)	ESPECIALLY DIFFICULT TO REMOVE (Yes or No)
Main Steam System				
MSH-117	IB 122'-0"	A	No	No
MSH-118	IB 122'-0"	A	No	No
MSH-119	IB 122'-0"	A	No	No
MSH-120	IB 122'-0"	A	No	No
MSH-121	IB 122'-0"	A	No	No
MSH-122	IB 122'-0"	A	No	No
MSH-123	IB 122'-0"	A	No	No
MSH-124	IB 122'-0"	A	No	No
MSH-125	IB 122'-0"	A	No	No
MSH-126	IB 122'-0"	A	No	No
MSH-128	IB 122'-0"	A	No	No
MSH-139	RB 133'-0"	I	No	Yes
MSH-147	RB 139'-0"	I	No	No
MSH-149	RB 123'-0"	I	No	No
MSH-150	RB 123'-0"	I	No	Yes
MSH-156	RB 154'-0"	I	No	Yes
MSH-159	RB 148'-0"	I	No	No
MSH-160	RB 142'-0"	I	No	No
MSH-161	RB 154'-0"	I	No	No
MSH-162	RB 132'-0"	I	No	Yes
MSH-163	RB 138'-0"	I	No	Yes
MSH-164	RB 123'-0"	I	No	No
MSH-165	RB 123'-0"	I	No	No
MSH-166	RB 148'-0"	I	No	Yes
MSH-167	RB 148'-0"	I	No	Yes

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

SNUBBER NO.	SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION	ACCESSIBLE OR INACCESSIBLE (A or I)	HIGH RADIATION ZONE**** (Yes or No)	ESPECIALLY DIFFICULT TO REMOVE (Yes or No)
Main Steam System (Continued)				
MSH-168	RB 142'-0"	I	No	Yes
MSH-169	RB 148'-0"	I	No	Yes
MSH-170	RB 142'-0"	I	No	Yes
MSH-205	IB 132'-0"	A	No	No
MSH-206	IB 136'-0"	A	No	No
MSH-207	IB 136'-0"	A	No	No
MSH-208	IB 130'-0"	A	No	No
MSH-209	IB 130'-0"	A	No	No
MSH-210	IB 122'-0"	A	No	No
MSH-211	IB 109'-0"	A	No	No
MSH-212	IB 134'-0"	A	No	No
MSH-213	IB 130'-0"	A	No	No
MSH-214	IB 115'-0"	A	No	No
MSH-227	IB 122'-0"	A	No	No
MSH-232	IB 120'-0"	A	No	No
MSH-240	IB 122'-0"	A	No	No
MSH-243	RB 147'-0"	I	No	No
MSH-248	IB 136'-0"	A	No	No
MSH-249	IB 136'-0"	A	No	No
MSH-250	IB 111'-0"	A	No	No
MSH-251	IB 109'-0"	A	No	No
MSH-252	IB 136'-0"	A	No	No
MSH-253	IB 104'-0"	A	No	No
MSH-254	IB 104'-0"	A	No	No
MSH-255	IB 105'-0"	A	No	No

CRYSTAL RIVER - UNIT 3

3/4 7-34

Amendment No. 50

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

<u>SNUBBER NO.</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE**** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
Main Steam System (Continued)				
MSH-567U	RB 110'-0"	I	No	No
MSH-567L	RB 110'-0"	I	No	No
MSH-568U	RB 110'-0"	I	No	No
MSH-568L	RB 110'-0"	I	No	No
MSH-575	RB 112'-0"	I	Yes	No
MSH-576U	RB 112'-0"	I	No	No
MSH-576L	RB 112'-0"	I	No	No
MSH-581	RB 99'-0"	I	No	No
Makeup and Purification System				
MUH-32	RB2 115'-11"	I	Yes	No
MUH-33	RB 110'-6"	I	No	Yes
MUH-34	RB 110'-6"	I	No	No
MUH-35	RB 110'-6"	I	Yes	No
MUH-36	RB 109'-0"	I	No	Yes
MUH-37	RB 109'-0"	I	No	No
MUH-38	RB2 123'-10"	I	Yes	Yes
MUH-39	RB2 112'-0"	I	Yes	No
MUH-40	RB 112'-0"	I	Yes	No
MUH-41	RB2 129'-1"	I	Yes	No
MUH-42	RB2 119'-0"	I	Yes	No
MUH-43	RB 114'-0"	I	Yes	No
MUH-44	RB 114'-0"	I	No	No
MUH-45	RB 114'-0"	I	No	No
MUH-46	RB 114'-0"	I	Yes	Yes
MUH-47	RB 114'-0"	I	No	Yes

CRYSTAL RIVER - UNIT 3

3/4 7-34a

Amendment No. 43, 50

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

<u>SNUBBER NO.</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE**** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
Makeup and Purification System (Continued)				
MUH-48	RB 114'-0"	I	No	Yes
MUH-49	RB 108'-6"	I	No	Yes
MUH-50	RB2 129'-9"	I	Yes	Yes
MUH-51	RB2 117'-0"	I	Yes	Yes
MUH-52	RB 110'-0"	I	No	No
MUH-53	RB 110'-0"	I	No	No
MUH-80	RB2 108'-0"	I	Yes	Yes
MUH-81	RB 108'-7"	I	No	No
MUH-82	RB 108'-7"	I	No	No
MUH-83	RB 108'-7"	I	No	No
MUH-84	RB 108'-7"	I	No	No
MUH-85	RB 104'-0"	I	No	No
Reactor Coolant System				
RCH-26	RB2 171'-1"	I	Yes	No
RCH-27	RB2 171'-1"	I	Yes	No
RCH-28	RB2 168'-8"	I	Yes	No
RCH-29	RB2 168'-8"	I	Yes	No
RCH-30	RB2 168'-8"	I	Yes	No
RCH-31	RB2 168'-8"	I	Yes	No
RCH-32	RB2 159'-6"	I	Yes	No
RCH-33	RB2 159'-6"	I	Yes	No

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

<u>SNUBBER NO.</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE**** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
Reactor Coolant System (Cont'd)				
RCH-34	RB 147'-0"	I	No	No
RCH-35	RB 142'-6"	I	No	Yes
RCH-36	RB 144'-9"	I	No	Yes
RCH-37	RB 144'-9"	I	No	No
RCH-38	RB 144'-9"	I	No	No
RCH-39	RB 147'-0"	I	No	Yes
RCH-40	RB 147'-0"	I	No	Yes
RCH-47N	RB2 121'-9"	I	Yes	Yes
RCH-47S	RB2 121'-9"	I	Yes	Yes
RCH-48	RB2 121'-9"	I	Yes	Yes
RCH-49	RB2 121'-9"	I	Yes	Yes
RCH-50	RB2 167'-5"	I	Yes	No
RCH-51	RB2 159'-6"	I	Yes	Yes
RCH-52	RB 147'-0"	I	No	No
RCH-53	RB2 147'-0"	I	No	No
RCH-54	RB2 147'-0"	I	Yes	No
RCH-55	RB 123'-9"	I	No	No
RCH-56	RB 158'-6"	I	Yes	No
RCH-57	RB 158'-3"	I	Yes	Yes
RCH-58	RB 120'-0"	I	No	No
RCH-59	RB2 168'-0"	I	Yes	No
RCH-60	RB2 167'-5"	I	Yes	No
RCH-61	RB 145'-6"	I	No	No
RCH-62	RB2 148'-4"	I	Yes	Yes
RCH-63	RB2 148'-4"	I	Yes	No
RCH-64	RB2 148'-3"	I	Yes	Yes
RCH-65	RB2 131'-6"	I	Yes	Yes
RCH-66	RB2 140'-0"	I	Yes	No

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

<u>SNUBBER NO.</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE**** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
Reactor Coolant System (Cont'd)				
RCH-67	RB2 166'-0"	I	Yes	No
RCH-68	RB2 167'-1"	I	Yes	No
RCH-69	RB2 167'-1"	I	Yes	No
RCH-70	RB2 167'-1"	I	Yes	No
RCH-71U	RB2 167'-1"	I	Yes	No
RCH-71L	RB2 167'-1"	I	Yes	No
RCH-73	RB2 167'-1"	I	Yes	No
RCH-74	RB2 167'-1"	I	Yes	No
RCH-76	RB2 139'-11"	I	Yes	Yes
RCH-77	RB2 131'-6"	I	Yes	Yes
RCH-78	RB2 150'-10"	I	Yes	Yes
RCH-79	RB2 156'-8"	I	Yes	Yes
RCH-80	RB2 168'-3"	I	Yes	No
RCH-81	RB2 168'-4"	I	Yes	No
RCH-82E	RB 143'-9"	I	No	Yes
RCH-82W	RB 143'-9"	I	No	Yes
RCH-83	RB 145'-11"	I	No	No
RCH-84	RB 123'-9"	I	No	No
RCH-85	RB 147'-0"	I	No	No
RCH-86	RB 144'-9"	I	No	No
RCH-87	RB 147'-0"	I	No	No
RCH-88	RB 147'-0"	I	No	No
RCH-89	RB 124'-0"	I	No	No
RCH-90	RB 120'-0"	I	No	No

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

<u>SNUBBER NO.</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE**** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
Reactor Coolant Pump 3A1				
RCHS-1A	RB2 134'-6"	I	Yes	Yes
RCHS-2A	RB2 134'-6"	I	Yes	Yes
RCHS-3A	RB2 134'-6"	I	Yes	Yes
RCHS-4A	RB2 134'-6"	I	Yes	Yes
RCHS-5A	RB2 134'-6"	I	Yes	Yes
RCHS-6A	RB2 134'-6"	I	Yes	Yes
RCHS-7A	RB2 134'-6"	I	Yes	Yes
RCHS-8A	RB2 134'-6"	I	Yes	Yes
Reactor Coolant Pump 3A2				
RCHS-1B	RB2 134'-6"	I	Yes	Yes
RCHS-2B	RB2 134'-6"	I	Yes	Yes
RCHS-3B	RB2 134'-6"	I	Yes	Yes
RCHS-4B	RB2 134'-6"	I	Yes	Yes
RCHS-5B	RB2 134'-6"	I	Yes	Yes
RCHS-6B	RB2 134'-6"	I	Yes	Yes
RCHS-7B	RB2 134'-6"	I	Yes	Yes
RCHS-8B	RB2 134'-6"	I	Yes	Yes
Reactor Coolant Pump 3B1				
RCHS-1C	RB2 134'-6"	I	Yes	Yes
RCHS-2C	RB2 134'-6"	I	Yes	Yes
RCHS-3C	RB2 134'-6"	I	Yes	Yes
RCHS-4C	RB2 134'-6"	I	Yes	Yes
RCHS-5C	RB2 134'-6"	I	Yes	Yes
RCHS-6C	RB2 134'-6"	I	Yes	Yes
RCHS-7C	RB2 134'-6"	I	Yes	Yes
RCHS-8C	RB2 134'-6"	I	Yes	Yes

Table 3.7-3

SAFETY RELATED HYDRAULIC SNUBBERS*

<u>SNUBBER NO.</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION** AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE**** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
Reactor Coolant Pump 3B2				
RCHS-1D	RB2 134'-6"	I	Yes	Yes
RCHS-2D	RB2 134'-6"	I	Yes	Yes
RCHS-3D	RB2 134'-6"	I	Yes	Yes
RCHS-4D	RB2 134'-6"	I	Yes	Yes
RCHS-5D	RB2 134'-6"	I	Yes	Yes
RCHS-6D	RB2 134'-6"	I	Yes	Yes
RCHS-7D	RB2 134'-6"	I	Yes	Yes
RCHS-8D	RB2 134'-6"	I	Yes	Yes
Nuclear Services Closed Cycle Cooling System				
SWH-483	RB 136'-0"	I	No	No
SWH-493U	RB2 136'-0"	I	Yes	No
SWH-493L	RB2 136'-0"	I	Yes	No
SWR-423	RB2 151'-0"	I	Yes	No
SWR-425	RB2 153'-0"	I	Yes	No
SWR-440	RB2 154'-0"	I	Yes	No
SWR-018	AB 107'-0"	A	No	No
SWR-091	AB 129'-0"	A	No	No

*Snubbers may be added to safety related systems without prior License Amendment to Table 3.7-3 provided that a revision to Table 3.7-3 is included with the next License Amendment request.

**AB - Auxiliary Building; IB - Intermediate Building; RB - Reactor Building outside Secondary Shield Wall; RB2 - Reactor Building inside Secondary Shield Wall.

**** High Radiation Zone (During Shutdown). Modifications to this table due to changes in high radiation areas shall be submitted to the NRC as part of the next License amendment request.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 50 TO FACILITY OPERATING LICENSE NO. DPR-72
FLORIDA POWER CORPORATION, ET AL
CRYSTAL RIVER UNIT NO. 3 NUCLEAR GENERATING PLANT
DOCKET NO. 50-302

Introduction

By application dated March 21, 1979, as revised December 28, 1981, Florida Power Corporation (FPC or the licensee) requested changes to the Technical Specifications (TSs) of Facility Operating License No. DPR-72 for operation of the Crystal River Unit No. 3 Nuclear Generating Plant (CR-3). These changes would add 120 snubbers to Table 3.7-3 of the CR-3 TSs and would designate all snubbers in the reactor building as inaccessible during reactor operation.

Discussion and Evaluation

Snubbers installed on safety related systems are listed in the TSs with requirements for testing and inspection. The TSs permit the addition of snubbers to safety related systems without prior NRC approval. The TSs also permit the assignment of these snubbers to two groups (accessible or inaccessible) for inspection interval determination.

The addition of snubbers to a plant or upgrading them to safety related is authorized by the TSs without prior approval by the NRC because the safety of the plant is not diminished by such additions. This change will bring TS Table 3.7-3 up-to-date with all safety related snubbers at CR-3.

The designation of the snubbers in the reactor building as inaccessible during reactor operation and other snubbers as accessible is acceptable because it does not change the frequency or requirements for inspection for these snubbers but puts the snubbers in more logical groupings for radiation exposure control considerations.

We have changed the designation of "High Radiation Zone" in Table 3.7-3 to "High Radiation Zone During Shutdown" to be consistent with present Standard TSs. This change was accomplished with a revision to the note (****) at the end of Table 3.7-3. FPC has been informed of this change and concurs with it.

Environmental Consideration

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does 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.

Dated: February 2, 1982

The following NRC staff personnel have contributed to this Safety Evaluation: Peter B. Erickson.

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-302FLORIDA POWER CORPORATION, ET ALNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 50 to Facility Operating License No. DPR-72, issued to the Florida Power Corporation, City of Alachua, City of Bushnell, City of Gainesville, City of Kissimmee, City of Leesburg, City of New Smyrna Beach and Utilities Commission, City of New Smyrna Beach, City of Ocala, Orlando Utilities Commission and City of Orlando, Sebring Utilities Commission, Seminole Electric Cooperative, Inc., and the City of Tallahassee (the licensees) which revised the Technical Specifications (TSs) for operation for the Crystal River Unit No. 3 Nuclear Generating Plant (the facility) located in Citrus County, Florida. The amendment is effective as of the date of issuance.

The amendment adds 120 snubbers to Table 3.7-3 of the TSs and designates all snubbers in the reactor building as inaccessible during reactor operation.

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 as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

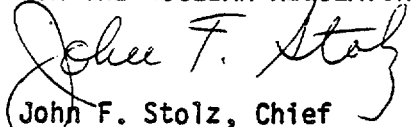
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The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §1.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated March 21, 1979, as revised December 28, 1981, (2) Amendment No. 50 to License No. DPR-72, 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, NW, Washington, D.C., and at the Crystal River Public Library, 668 N.W. First Avenue, Crystal River, Florida. 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 Licensing.

Dated at Bethesda, Maryland, this 2nd day of February 1982.

FOR THE NUCLEAR REGULATORY COMMISSION


John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing