



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

**REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23T85
ATLANTA, GEORGIA 30303-8931**

November 27, 2000

Mr. John P. Cowan, Vice President
Nuclear Operations
Florida Power Corporation
ATTN: Manager Nuclear Licensing (NA1B)
Crystal River Energy Complex
15760 West Power Line Street
Crystal River, FL 34428-6708

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
CRYSTAL RIVER 3**

Dear Mr. Cowan:

On November 7, 2000, the NRC staff completed its mid-cycle plant performance assessment of the Crystal River 3 Nuclear Plant. The mid-cycle review for Crystal River 3 involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period of April 2, 2000 through September 30, 2000. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Plant performance for the most recent quarter was in the Regulatory Response Column of the NRC's Action Matrix, based on one white PI (Reactor Coolant System Leakage) in the barrier integrity cornerstone. A white PI is indicative of licensee performance that may result in increased NRC oversight. The leakage exceeded the white PI threshold in August, 2000. A supplemental inspection was completed by the NRC on November 1, 2000, to assess your staff's activities associated with the increased leakage. Your staff replaced the leaking safety valve and conducted leak sealant repairs on the decay heat valve. These actions significantly reduced the reactor coolant system leakage rate and returned the performance indicator to the green performance level. Therefore, we plan to conduct only baseline inspections at your facility through September 30, 2001.

The enclosed inspection plan details the scheduled inspections through September 30, 2001. The plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The last six months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public

Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404-562-4540) with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Loren R. Plisco, Director
Division of Reactor Projects

Docket No. 50-302
Licensee No. DPR-72

Enclosure: Crystal River Unit 3 Inspection/Activity Plan

cc w/encl:

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Crystal River
Inspection / Activity Plan
12/04/2000 - 09/30/2001

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PS-RP	- RADIATION PROTECTION	1			
3	IP 7112103	Radiation Monitoring Instrumentation		01/15/2001	01/19/2001	Baseline Inspections
3	IP 71151	Performance Indicator Verification		01/15/2001	01/19/2001	Baseline Inspections
	MB-MR	- MAINTENANCE RULE	1			
3	IP 7111112B	Maintenance Rule Implementation		01/29/2001	02/02/2001	Baseline Inspections
	PS-RP	- RADIATION PROTECTION	1			
3	IP 7112101	Access Control to Radiologically Significant Areas		02/12/2001	02/16/2001	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		02/12/2001	02/16/2001	Baseline Inspections
	PS-SEC	- SECURITY	4			
3	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strc		02/20/2001	02/23/2001	Baseline Inspections
	PS-SEC	- SECURITY	1			
3	IP 7113001	Access Authorization Program (Behavior Observation Only)		03/19/2001	03/23/2001	Baseline Inspections
3	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		03/19/2001	03/23/2001	Baseline Inspections
3	IP 71151	Performance Indicator Verification		03/19/2001	03/23/2001	Baseline Inspections
	PS-RP	- RADIATION PROTECTION	1			
3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		04/16/2001	04/20/2001	Baseline Inspections
3	IP 7112202	Radioactive Material Processing and Transportation		04/16/2001	04/20/2001	Baseline Inspections
3	IP 7112203	Radiological Environmental Monitoring Program		04/16/2001	04/20/2001	Baseline Inspections
	OL EP	- EMERGENCY PREPAREDNESS	1			
3	IP 7111402	Alert and Notification System Testing		05/14/2001	05/18/2001	Baseline Inspections
3	IP 7111403	Emergency Response Organization Augmentation Testing		05/14/2001	05/18/2001	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/14/2001	05/18/2001	Baseline Inspections
3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		05/14/2001	05/18/2001	Baseline Inspections
	PS-RP	- RADIATION PROTECTION	1			
3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		05/21/2001	05/25/2001	Baseline Inspections
3	IP 7112202	Radioactive Material Processing and Transportation		05/21/2001	05/25/2001	Baseline Inspections
3	IP 7112203	Radiological Environmental Monitoring Program		05/21/2001	05/25/2001	Baseline Inspections
	EB-SSDI	- SSDI PRE-INSPECTION VISIT	1			
3	IP 7111121	Safety System Design and Performance Capability		07/02/2001	07/06/2001	Baseline Inspections
	PS-RP	- RADIATION PROTECTION	1			
3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		07/09/2001	07/13/2001	Baseline Inspections
3	IP 7112202	Radioactive Material Processing and Transportation		07/09/2001	07/13/2001	Baseline Inspections
3	IP 7112203	Radiological Environmental Monitoring Program		07/09/2001	07/13/2001	Baseline Inspections
	EB-SSDI	- SSDI	5			
3	IP 7111121	Safety System Design and Performance Capability		07/16/2001	07/20/2001	Baseline Inspections

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

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Crystal River
Inspection / Activity Plan
12/04/2000 - 09/30/2001

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	EB-SSDI - SSDI		5			
3	IP 7111121	Safety System Design and Performance Capability		07/30/2001	08/04/2001	Baseline Inspections
	PS-RP - RADIATION PROTECTION		1			
3	IP 7112101	Access Control to Radiologically Significant Areas		08/20/2001	08/24/2001	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		08/20/2001	08/24/2001	Baseline Inspections
3	IP 7112103	Radiation Monitoring Instrumentation		08/20/2001	08/24/2001	Baseline Inspections
3	IP 71151	Performance Indicator Verification		08/20/2001	08/24/2001	Baseline Inspections

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