



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

August 30, 2005

Mr. Dale E. Young, Vice President
Crystal River Nuclear Plant (NA1B)
ATTN: Supervisor, Licensing &
Regulatory Programs
15760 West Power Line Street
Crystal River, FL 34428-6708

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - CRYSTAL
RIVER NUCLEAR PLANT

Dear Mr. Young:

On August 3, 2005, the NRC staff completed its performance review of the Crystal River Nuclear Plant for the first half of the calendar year 2005 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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.

This performance review and the enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390," will include the physical protection review and a resultant inspection plan.

Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through March 31, 2007. We also plan on conducting several non-baseline inspections, which include pressurizer penetration nozzles and steam space piping connections in U.S. pressurizer water reactors, and transportation of reactor control rod drives in type A packages.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through March 31, 2007. The inspection plan is provided to minimize the resource impact on your staff and to allow for the resolution of any scheduling conflicts and personnel availability well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last twelve months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.390 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/reading-rm/adams.html> (the Public Electronic Reading Room).

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If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4560 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

IRA

Joel T. Munday, Chief
Reactor Projects Branch 3
Division of Reactor Projects

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

Enclosure: Crystal River Inspection/Activity Plan

cc w/encl: (See page 3)

cc w/encl:

Daniel L. Roderick
Director Site Operations
Crystal River Nuclear Plant (NA2C)
Electronic Mail Distribution

Jon A. Franke
Plant General Manager
Crystal River Nuclear Plant (NA2C)
Electronic Mail Distribution

Terry D. Hobbs
Manager Nuclear Assessment
Crystal River Nuclear Plant (NA2C)
Electronic Mail Distribution

Michael J. Annacone
Engineering Manager
Crystal River Nuclear Plant (NA2C)
Electronic Mail Distribution

R. Alexander Glenn
Associate General Counsel (MAC - BT15A)
Florida Power Corporation
Electronic Mail Distribution

Steven R. Carr
Associate General Counsel - Legal Dept.
Progress Energy Service Company, LLC
Electronic Mail Distribution

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

William A. Passetti
Bureau of Radiation Control
Department of Health
Electronic Mail Distribution

Craig Fugate, Director
Division of Emergency Preparedness
Department of Community Affairs
Electronic Mail Distribution

Chairman
Board of County Commissioners
Citrus County
110 N. Apopka Avenue
Inverness, FL 36250

Jim Mallay
Framatome Technologies
Electronic Mail Distribution

Crystal River
Inspection / Activity Plan
09/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	OL EXAM - INITIAL EXAM		3			
3	V23247	CRYSTAL RIVER/EXAM AT POWER FACILITIES		09/12/2005	09/16/2005	Not Applicable
	PS-RP - RADIATION PROTECTION - PRE-INSP. VISIT		1			
3	IP 7112101	Access Control to Radiologically Significant Areas		09/26/2005	09/28/2005	Baseline Inspections
	PS1-RP - RP OCCUPATIONAL BASELINE - WEEK 1		2			
3	IP 2515/161	Transportation of Reactor Control Rod Drives in Type A Packages		10/31/2005	11/04/2005	Safety Issues
3	IP 7112101	Access Control to Radiologically Significant Areas		10/31/2005	11/04/2005	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		10/31/2005	11/04/2005	Baseline Inspections
3	IP 7112202	Radioactive Material Processing and Transportation		10/31/2005	11/04/2005	Baseline Inspections
3	IP 71151	Performance Indicator Verification		10/31/2005	11/04/2005	Baseline Inspections
	EB3-ISI - INSERVICE INSPECTION		2			
3	IP 7111108P	Inservice Inspection Activities - PWR		11/07/2005	11/11/2005	Baseline Inspections
	EB3TI160 - 2515/160 U-3: PZR PENETRATION NOZZLES		1			
3	IP 2515/160	Pzr Pene Nozzles & Stm Space Piping Connections in U.S. PWRs [NRC Bulletin 2004-01]		11/07/2005	11/11/2005	Safety Issues
	EB3SGISI - STEAM GENERATOR ISI		2			
3	IP 7111108P	Inservice Inspection Activities - PWR		11/14/2005	11/18/2005	Baseline Inspections
	PS1-RP - RP OCCUPATIONAL BASELINE - WEEK 2		3			
3	IP 7112101	Access Control to Radiologically Significant Areas		11/14/2005	11/18/2005	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		11/14/2005	11/18/2005	Baseline Inspections
3	IP 7112202	Radioactive Material Processing and Transportation		11/14/2005	11/18/2005	Baseline Inspections
3	IP 71151	Performance Indicator Verification		11/14/2005	11/18/2005	Baseline Inspections
	EB1-MODS - MODIFICATIONS/10CFR50.59		4			
3	IP 7111102	Evaluation of Changes, Tests, or Experiments		12/12/2005	12/16/2005	Baseline Inspections
3	IP 711117B	Permanent Plant Modifications		12/12/2005	12/16/2005	Baseline Inspections
	EB3-HS - HEAT SINK		2			
3	IP 7111107B	Heat Sink Performance		01/09/2006	01/13/2006	Baseline Inspections
	OL RQ - REQUAL INSPECTION		2			
3	IP 7111111B	Licensed Operator Requalification Program		01/30/2006	02/03/2006	Baseline Inspections
	PS2-EP - EP EXERCISE		3			
3	IP 7111401	Exercise Evaluation		04/24/2006	04/28/2006	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		04/24/2006	04/28/2006	Baseline Inspections
3	IP 71151	Performance Indicator Verification		04/24/2006	04/28/2006	Baseline Inspections
	DRP - PI&R		4			
3	IP 71152B	Identification and Resolution of Problems		06/05/2006	06/23/2006	Baseline Inspections

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

Enclosure

Crystal River
Inspection / Activity Plan
09/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PSB1 RP - RP PUBLIC PRE-INSP VISIT		1			
3	IP 7112101	Access Control to Radiologically Significant Areas		11/13/2006	11/15/2006	Baseline Inspections
	PSB1 - RP PUBLIC BASELINE		4			
3	IP 7112101	Access Control to Radiologically Significant Areas		12/04/2006	12/08/2006	Baseline Inspections
3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		12/04/2006	12/08/2006	Baseline Inspections
3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		12/04/2006	12/08/2006	Baseline Inspections
3	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		12/04/2006	12/08/2006	Baseline Inspections
3	IP 71151	Performance Indicator Verification		12/04/2006	12/08/2006	Baseline Inspections
	EB1-MODS - MODIFICATIONS/10CFR50.59		3			
3	IP 7111102	Evaluation of Changes, Tests, or Experiments		12/11/2006	12/15/2006	Baseline Inspections
3	IP 711117B	Permanent Plant Modifications		12/11/2006	12/15/2006	Baseline Inspections