



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

March 3, 2008

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: ANNUAL ASSESSMENT LETTER – CRYSTAL RIVER NUCLEAR PLANT
(NRC INSPECTION REPORT 05000302/2008001)**

Dear Mr. Young:

On February 7, 2008, the NRC staff completed its performance review of the Crystal River Nuclear Plant. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2007. 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 enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security Information," will include the security cornerstone review and resultant inspection plan.

Overall, Crystal River operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting several non-ROP inspections which include TI 2515/171, Verification of Site Specific (B.5.b) Phase 2 and 3 Mitigation Strategies and TI 2515/172, Reactor Coolant System Dissimilar Metal.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through September 30, 2009. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues 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 nine months of the inspection plan are tentative and may be revised at the mid-cycle review.

Enclosure

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).

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) 562-4629 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Marvin D. Sykes, Chief
Reactor Projects Branch 3
Division of Reactor Projects

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

Enclosure: Crystal River Inspection/Activity Plan (03/01/08 - 09/30/09)

cc w/encl: (See page 3)

Distribution:
Normal distribution list

cc w/encl.:

Jon A. Franke
Director Site Operations
Crystal River Nuclear Plant (NA2C)
Electronic Mail Distribution

Jim Mallay
Framatome ANP, Inc.
Electronic Mail Distribution

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

Phyllis Dixon
Manager
Nuclear Assessment
Crystal River Nuclear Plant (NA2C)
Electronic Mail Distribution

Stephen J. Cahill
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 Department
Progress Energy Service Company, LLC
Electronic Mail Distribution

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

Crystal River
Inspection / Activity Plan
03/03/2008 - 06/30/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	PI&R - PREP TRIP-PROBLEM ID AND RESOL		1			
3	IP 71152B	Identification and Resolution of Problems		03/05/2008	03/06/2008	Baseline Inspections
	PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		5			
3	IP 71152B	Identification and Resolution of Problems		04/07/2008	04/11/2008	Baseline Inspections
3	IP 71152B	Identification and Resolution of Problems		04/21/2008	04/25/2008	Baseline Inspections
	PSB1-EP - EP EXERCISE		3			
3	IP 7111401	Exercise Evaluation		05/19/2008	05/23/2008	EP Baseline Inspection
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/19/2008	05/23/2008	EP Baseline Inspection
3	IP 71151-EP01	Drill/Exercise Performance		05/19/2008	05/23/2008	Baseline Inspections
3	IP 71151-EP02	ERO Drill Participation		05/19/2008	05/23/2008	Baseline Inspections
3	IP 71151-EP03	Alert & Notification System		05/19/2008	05/23/2008	Baseline Inspections
	EB3-HS - HEAT SINK		1			
3	IP 7111107B	Heat Sink Performance		07/21/2008	07/25/2008	Baseline Inspections
	TI-171 - B.5.B PHASE 2&3		3			
3	IP 2515/171	Verification of Site Specific Implementation Of B.5.b Phase 2 & 3 Mitigating Strategies		10/20/2008	10/24/2008	Generic Safety Inspectio
	PSB1-RP - RADIATION PROTECTION PREINSPECTION VISIT		1			
3	IP 7112101	Access Control to Radiologically Significant Areas		10/27/2008	10/29/2008	Baseline Inspections
	PSB1-RP - RADIATION PROTECTION PUBLIC BASELINE		4			
3	IP 7112101	Access Control to Radiologically Significant Areas		12/01/2008	12/05/2008	Baseline Inspections
3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		12/01/2008	12/05/2008	Baseline Inspections
3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		12/01/2008	12/05/2008	Baseline Inspections
3	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		12/01/2008	12/05/2008	Baseline Inspections
3	IP 71151-OR01	Occupational Exposure Control Effectiveness		12/01/2008	12/05/2008	Baseline Inspections
3	IP 71151-PR01	RETS/ODCM Radiological Effluent		12/01/2008	12/05/2008	Baseline Inspections
	EB3TI172 - TI-172		1			
3	IP 2515/172	Reactor Coolant System Dissimiliar Metal Butt Welds		12/08/2008	12/12/2008	Generic Safety Inspectio
	EB1-MODS - MODIFICATIONS-10CFR50.59		4			
3	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/23/2009	02/27/2009	Baseline Inspections
3	IP 7111117B	Evaluations of Changes, Tests, or Experiments & Permanent Plant Modifications		02/23/2009	02/27/2009	Baseline Inspections
3	IP 7111102	Evaluation of Changes, Tests, or Experiments		03/09/2009	03/13/2009	Baseline Inspections
3	IP 7111117B	Evaluations of Changes, Tests, or Experiments & Permanent Plant Modifications		03/09/2009	03/13/2009	Baseline Inspections
	PSB1EP - EP INSPECTION		1			
3	IP 7111402	Alert and Notification System Testing		05/04/2009	05/08/2009	EP Baseline Inspection
3	IP 7111403	Emergency Response Organization Augmentation Testing		05/04/2009	05/08/2009	EP Baseline Inspection
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/04/2009	05/08/2009	EP Baseline Inspection

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
03/03/2008 - 06/30/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
PSB1EP - EP INSPECTION			1			
3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		05/04/2009	05/08/2009	EP Baseline Inspection
3	IP 71151-EP01	Drill/Exercise Performance		05/04/2009	05/08/2009	Baseline Inspections
3	IP 71151-EP02	ERO Drill Participation		05/04/2009	05/08/2009	Baseline Inspections
3	IP 71151-EP03	Alert & Notification System		05/04/2009	05/08/2009	Baseline Inspections