



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

March 1, 2007

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 UNIT 3 (NRC
INSPECTION REPORT 05000302/2007001)

Dear Mr. Young:

On February 7, 2007, the NRC technical staff completed its performance review of the Crystal River Unit 3 for the period from January 1 through December 31, 2006. 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.

Overall, Crystal River operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for Crystal River Unit 3 for the most recent quarter was in 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 a non-ROP inspection on containment emergency recirculation sump blockage.

Plant performance for Crystal River Unit 3 for the first two quarters of the assessment period was in the Regulatory Response Column of the NRC's Action Matrix due to a White inspection finding involving unprotected post-fire safe shutdown cables and related non-feasible local operator actions that was issued on September 21, 2005. As discussed in the Crystal River Mid-Cycle Assessment Letter, dated August 31, 2006, a Supplemental Inspection using IP 95001, "Inspection for One or Two White Inputs In a Strategic Performance Area," was conducted in January 2006 and no findings of significance were identified.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2008. 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 issues well in advance of inspector arrival onsite. Routine resident

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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 mid-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).

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) 562-4540 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Michael E. Ernstes, 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)

FPC

3

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Crystal River
Inspection / Activity Plan
03/01/2007 - 09/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
RESBASE - RES BASELINE1			2			
3	IP 7111101	Adverse Weather Protection		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111104	Equipment Alignment (Quarterly)		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111104S	Equipment Alignment		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111105A	Fire Protection - Annual		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111105Q	Fire Protection - Quarterly		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111106	Flood Protection Measures		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111107A	Heat Sink Performance		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111111Q	Licensed Operator Requalification Program		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111112Q	Maintenance Effectiveness		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111113	Maintenance Risk Assessments and Emergent Work Control		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111115	Operability Evaluations		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111117A	Permanent Plant Modifications		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111119	Post Maintenance Testing		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111120	Refueling and Other Outage Activities		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111122	Surveillance Testing		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111123	Temporary Plant Modifications		01/01/2007	03/31/2007	Baseline Inspections
3	IP 7111406	Drill Evaluation		01/01/2007	03/31/2007	Baseline Inspections
3	IP 71151	Performance Indicator Verification		01/01/2007	03/31/2007	Baseline Inspections
3	IP 71152	Identification and Resolution of Problems		01/01/2007	03/31/2007	Baseline Inspections
3	IP 71153	Followup of Events and Notices of Enforcement Discretion		01/01/2007	03/31/2007	Baseline Inspections
RESBASE - RES BASELINE2			2			
3	IP 7111101	Adverse Weather Protection		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111104	Equipment Alignment (Quarterly)		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111104S	Equipment Alignment		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111105A	Fire Protection - Annual		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111105Q	Fire Protection - Quarterly		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111106	Flood Protection Measures		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111107A	Heat Sink Performance		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111111Q	Licensed Operator Requalification Program		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111112Q	Maintenance Effectiveness		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111113	Maintenance Risk Assessments and Emergent Work Control		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111115	Operability Evaluations		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111117A	Permanent Plant Modifications		04/01/2007	06/30/2007	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
03/01/2007 - 09/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
RESBASE - RES BASELINE2			2			
3	IP 7111119	Post Maintenance Testing		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111120	Refueling and Other Outage Activities		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111122	Surveillance Testing		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111123	Temporary Plant Modifications		04/01/2007	06/30/2007	Baseline Inspections
3	IP 7111406	Drill Evaluation		04/01/2007	06/30/2007	Baseline Inspections
3	IP 71151	Performance Indicator Verification		04/01/2007	06/30/2007	Baseline Inspections
3	IP 71152	Identification and Resolution of Problems		04/01/2007	06/30/2007	Baseline Inspections
3	IP 71153	Followup of Events and Notices of Enforcement Discretion		04/01/2007	06/30/2007	Baseline Inspections
PSB1-EP - EP INSP			1			
3	IP 7111402	Alert and Notification System Testing		04/23/2007	04/27/2007	Baseline Inspections
3	IP 7111403	Emergency Response Organization Augmentation Testing		04/23/2007	04/27/2007	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		04/23/2007	04/27/2007	Baseline Inspections
3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		04/23/2007	04/27/2007	Baseline Inspections
3	IP 71151-EP01	Drill/Exercise Performance		04/23/2007	04/27/2007	Baseline Inspections
3	IP 71151-EP02	ERO Drill Participation		04/23/2007	04/27/2007	Baseline Inspections
3	IP 71151-EP03	Alert & Notification System		04/23/2007	04/27/2007	Baseline Inspections
RESBASE - RES BASELINE3			2			
3	IP 7111101	Adverse Weather Protection		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111104	Equipment Alignment (Quarterly)		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111104S	Equipment Alignment		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111105A	Fire Protection - Annual		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111105Q	Fire Protection - Quarterly		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111106	Flood Protection Measures		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111107A	Heat Sink Performance		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111111Q	Licensed Operator Requalification Program		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111112Q	Maintenance Effectiveness		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111113	Maintenance Risk Assessments and Emergent Work Control		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111115	Operability Evaluations		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111117A	Permanent Plant Modifications		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111119	Post Maintenance Testing		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111120	Refueling and Other Outage Activities		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111122	Surveillance Testing		07/01/2007	09/30/2007	Baseline Inspections
3	IP 7111123	Temporary Plant Modifications		07/01/2007	09/30/2007	Baseline Inspections

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	RESBASE - RES BASELINE3		2			
3	IP 7111406	Drill Evaluation		07/01/2007	09/30/2007	Baseline Inspections
3	IP 71151	Performance Indicator Verification		07/01/2007	09/30/2007	Baseline Inspections
3	IP 71152	Identification and Resolution of Problems		07/01/2007	09/30/2007	Baseline Inspections
3	IP 71153	Followup of Events and Notices of Enforcement Discretion		07/01/2007	09/30/2007	Baseline Inspections
	EB1-CDBI - COMPONENT DESIGN BASES INSPECTION		6			
3	IP 7111121	Component Design Bases Inspection		08/27/2007	08/31/2007	Baseline Inspections
3	IP 7111121	Component Design Bases Inspection		09/10/2007	09/14/2007	Baseline Inspections
3	IP 7111121	Component Design Bases Inspection		09/24/2007	09/28/2007	Baseline Inspections
3	IP 7111121	Component Design Bases Inspection		10/01/2007	10/05/2007	Baseline Inspections
	INITPREP - INITIAL EXAM PREP		4			
3	V23272	CRYSTAL RIVER/OCTOBER 2007 EXAM AT POWER FACILITIES		10/01/2007	10/05/2007	Not Applicable
	RESBASE - RES BASELINE4		2			
3	IP 7111101	Adverse Weather Protection		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111104	Equipment Alignment (Quarterly)		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111104S	Equipment Alignment		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111105A	Fire Protection - Annual		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111105Q	Fire Protection - Quarterly		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111106	Flood Protection Measures		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111107A	Heat Sink Performance		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111111Q	Licensed Operator Requalification Program		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111112Q	Maintenance Effectiveness		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111113	Maintenance Risk Assessments and Emergent Work Control		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111115	Operability Evaluations		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111117A	Permanent Plant Modifications		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111119	Post Maintenance Testing		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111120	Refueling and Other Outage Activities		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111122	Surveillance Testing		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111123	Temporary Plant Modifications		10/01/2007	12/31/2007	Baseline Inspections
3	IP 7111406	Drill Evaluation		10/01/2007	12/31/2007	Baseline Inspections
3	IP 71151	Performance Indicator Verification		10/01/2007	12/31/2007	Baseline Inspections
3	IP 71152	Identification and Resolution of Problems		10/01/2007	12/31/2007	Baseline Inspections
3	IP 71153	Followup of Events and Notices of Enforcement Discretion		10/01/2007	12/31/2007	Baseline Inspections

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	PSB1-RP - RP OCCUPATIONAL PRE-INSP VISIT		1			
3	IP 7112101	Access Control to Radiologically Significant Areas		10/08/2007	10/10/2007	Baseline Inspections
	EB1-SUMP - PWR CONTAINMENT SUMP BLOCKAGE TI (U-3)		1			
3	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		10/21/2007	10/26/2007	Safety Issues
	OL EXAM - INITIAL EXAM		4			
3	V23272	CRYSTAL RIVER/OCTOBER 2007 EXAM AT POWER FACILITIES		10/22/2007	11/02/2007	Not Applicable
	PSB1-RP - RP OCCUPATIONAL BASELINE INSP WK 1		2			
3	IP 7112101	Access Control to Radiologically Significant Areas		11/05/2007	11/09/2007	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		11/05/2007	11/09/2007	Baseline Inspections
3	IP 7112202	Radioactive Material Processing and Transportation		11/05/2007	11/09/2007	Baseline Inspections
3	IP 71151	Performance Indicator Verification		11/05/2007	11/09/2007	Baseline Inspections
	EB3-ISI - U3 INSERVICE INSPECTION		1			
3	IP 7111108P	Inservice Inspection Activities - PWR		11/12/2007	11/16/2007	Baseline Inspections
	EB3SGISI - U3 STEAM GENERATOR ISI		2			
3	IP 7111108P	Inservice Inspection Activities - PWR		11/18/2007	11/22/2007	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL BASELINE INSP WK 2		3			
3	IP 7112101	Access Control to Radiologically Significant Areas		11/26/2007	11/30/2007	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		11/26/2007	11/30/2007	Baseline Inspections
3	IP 7112202	Radioactive Material Processing and Transportation		11/26/2007	11/30/2007	Baseline Inspections
3	IP 71151	Performance Indicator Verification		11/26/2007	11/30/2007	Baseline Inspections
	EB2-TFP - TRIENNIAL FIRE PROTECTION		5			
3	IP 7111105T	Fire Protection [Triennial]		01/08/2008	01/10/2008	Baseline Inspections
3	IP 7111105T	Fire Protection [Triennial]		01/28/2008	02/01/2008	Baseline Inspections
3	IP 7111105T	Fire Protection [Triennial]		02/11/2008	02/15/2008	Baseline Inspections
	OL RQ - REQUALIFICATION INSPECTION		2			
3	IP 7111111B	Licensed Operator Requalification Program		02/04/2008	02/08/2008	Baseline Inspections
	DRP/BR3 - PI&R INSPECTION		3			
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		2			
3	IP 7111401	Exercise Evaluation		05/19/2008	05/23/2008	Baseline Inspections
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/19/2008	05/23/2008	Baseline Inspections
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

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Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	EB3-HS - HEAT SINK		1			
3	IP 7111107B	Heat Sink Performance		06/02/2008	06/06/2008	Baseline Inspections
	EB3 - MR - MAINT RULE		1			
3	IP 7111112B	Maintenance Effectiveness		06/23/2008	06/27/2008	Baseline Inspections
	PSB1-RP - RADIATION PROTECTION PREINSPECTION VISIT		1			
3	IP 7112101	Access Control to Radiologically Significant Areas		09/22/2008	09/24/2008	Baseline Inspections