

November 28, 2000

Mr. Charles H. Cruse
Vice President
Constellation Nuclear
Calvert Cliffs Nuclear Power Plant, Inc.
1650 Calvert Cliffs Parkway
Lusby, MD 20657-4702

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN
- CALVERT CLIFFS

Dear Mr. Cruse:

On November 6, 2000, the NRC staff completed its Mid-Cycle plant performance assessment of Calvert Cliffs. The Mid-Cycle Review for Calvert Cliffs involved the participation of the responsible technical divisions in Region I evaluating performance indicators (PIs) 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 within the Regulatory Response column of the NRC's Action Matrix, based on the Unit 1 white performance indicator for scrams with a loss of normal heat removal (LONHR) in the initiating events cornerstone. Based upon our review of your staff's actions to address this white performance indicator (reference Supplemental Inspection Report 05000317/2000-010, dated November 7, 2000), re-inspection of this area is planned coincident with the Problem Identification and Resolution team inspection scheduled for May 2001. We noted during our supplemental inspection that your staff had not evaluated recent LONHR events in sufficient detail to have developed and implemented corrective actions with a reasonable assurance of preventing future scrams with a LONHR. Scrams with a LONHR are risk significant because of the consequential reliance on back-up safety related systems to perform the reactor residual heat removal function.

Enclosure 1 details the scheduled inspections that will occur through September 30, 2001. The inspection 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 plans 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 William Cook at (610) 337-5074 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Richard V. Crlenjak, Deputy Director
Division of Reactor Projects

Docket Nos. 05000317
05000318
License Nos. DPR-53
DPR-69

Enclosure: Calvert Cliffs Inspection/Activity Plan

cc w/encl:

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J. Walter, Engineering Division, Public Service Commission of Maryland
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Calvert Cliffs
Inspection / Activity Plan
12/03/2000 - 09/29/2001

ENCLOSURE

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	71121	- OCCUPATIONAL RAD SAFETY	1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/19/2001	03/23/2001	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/19/2001	03/23/2001	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation		03/19/2001	03/23/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/19/2001	03/23/2001	Baseline Inspections
	71130	- SECURITY	1			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		04/09/2001	04/13/2001	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio		04/09/2001	04/13/2001	Baseline Inspections
	71152	- PROBLEM IDENTIFICATION & RESOLUTION	4			
1, 2	IP 71152	Identification and Resolution of Problems		05/07/2001	05/11/2001	Baseline Inspections
1, 2	IP 71152	Identification and Resolution of Problems		05/21/2001	05/25/2001	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		05/21/2001	05/25/2001	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		05/21/2001	05/25/2001	Baseline Inspections
	7111105T	- FIRE PROTECTION	5			
1, 2	IP 7111105T	Fire Protection		08/06/2001	08/10/2001	Baseline Inspections
1, 2	IP 7111105T	Fire Protection		08/27/2001	08/31/2001	Baseline Inspections
1, 2	IP 7111105T	Fire Protection		09/10/2001	09/14/2001	Baseline Inspections
	7112202	- RADWASTE	1			
1, 2	IP 7112202	Radioactive Material Processing and Transportation		08/27/2001	08/31/2001	Baseline Inspections
	71114.01	- EP EXERCISE EVALUATION	5			
1, 2	IP 7111401	Exercise Evaluation		09/24/2001	09/28/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/24/2001	09/28/2001	Baseline Inspections

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