August 30, 2002

Mr. Peter E. Katz
Vice President - Calvert Cliffs Nuclear Power Plant
Constellation Generation Group
Calvert Cliffs Nuclear Power Plant, Inc.
1650 Calvert Cliffs Parkway
Lusby, MD 20657-4702

SUBJECT: CALVERT CLIFFS GENERATING STATION REACTOR OPERATOR AND SENIOR REACTOR OPERATOR INITIAL EXAMINATION REPORT NOS. 50-317/02-301 AND 50-318/02-301

Dear Mr. Katz:

This report transmits the results of the reactor operator and senior reactor operator licensing examinations conducted by the NRC during the period of July 15-18, 2002. These examinations addressed areas important to public health and safety and were developed and administered using the guidelines of the Examination Standards for Power Reactors (NUREG-1021, Revision 8).

Based on the results of the examination, all six Senior Reactor Operator and all six Reactor Operator applicants passed all portions of the examination. Performance insights observed during the examination process were discussed between Mr. D'Antonio and training personnel on July 18, 2002. Results of the examinations were given to training department management on August 1, 2002.

The initial examination submittal was within the range of acceptability expected for a proposed examination. Those examination changes which were necessary were made in accordance with the Examination Standards.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be 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). These records which include the final examinations are available in ADAMS (RO/SRO Written-Accession No. ML022390117; RO/SRO Operating Section A-Accession No. ML022390182; RO/SRO Operating Section B- Accession No. ML022390216; and RO/SRO Operating Section C-Accession No. ML022390274. ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/ADAMS.html (the Public Electronic Reading Room).

Sincerely,

/RA/

Richard J. Conte, Chief
Operational Safety Branch
Division of Reactor Safety

Docket Nos: 50-317/318
License Nos: DPR-53/69

Enclosure: Examination Report 50-317/02-301 and 50-318/02-301 with Attachment 1

cc w/encl:
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R. McLean, Administrator, Nuclear Evaluations
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OFFICE	RI/DRS		RI/DRP		RI/DRS					
NAME	JDAntonio		MEvans		RConte					
DATE	08/19/2002		08/29/02		08/26/02		09/ /02		09/ /02	

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U.S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No.	50-317 50-318
License No.	DPR-53 DPR-69
Report No.	50-317/02-301 50-318/02-301
Licensee:	Constellation Nuclear
Facility:	Calvert Cliffs Nuclear Power Plant Units 1 & 2
Location:	Lusby, Md
Dates:	July 12-18, 2002 (Operating and Written Exam Administration) July 22-26, 2002 (Grading)
Examiners:	J. D'Antonio, Operations Engineer (Chief Examiner) J. Caruso, Senior Operations Engineer D. Silk, Senior Operations Engineer M. Miller, Senior Operations Engineer
Accompanied by:	L. Vick, NRR
Approved by:	Richard J. Conte, Chief Operational Safety Branch Division of Reactor Safety

SUMMARY OF FINDINGS

IR 05000317/2002-301 and 05000318/2002-301; July 12-18, 2002; Calvert Cliffs Nuclear Power Plant; Initial Operator Licensing Examinations.

The examination was administered by three regional operator licensing examiners and one examiner from the NRC's Technical Training Center.

Cornerstone: Mitigating Systems

> All applicants passed all portions of the examinations. The written examinations were administered by the facility and the operating tests were administered by four NRC examiners.

Report Details

1. REACTOR SAFETY

Mitigating Systems

Reactor and Senior Reactor Operator Initial Licensing Examination

a. Inspection Scope

The NRC examination team reviewed the written and operating examinations and post exam materials submitted by the Calvert Cliffs training staff to verify or ensure, as applicable, the following:

- The examinations were developed in accordance with the guidelines of Revision 8 of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors and they met the overall quality goals (range of acceptability) of these standards. The review was conducted both in the Region I office and at the Susquehanna training facility. Final resolution of comments and incorporation of test revisions were made during and following the onsite preparation week.

- Simulation facility operation was proper.

- Facility licensee completed a test item analysis on the written exams for feedback into the systems approach to training program.

- Examination security requirements were met.

The NRC examiners administered the operating portion of the exams to all applicants on July 15-18, 2002.Calvert Cliffs training staff administered the written examinations on July 12, 2002.

b. Findings

Grading and Results:

All six SRO and all six RO Applicants passed all portions of the examinations.

Examination Preparation and Quality:

During the pre-exam NRC review, the exam did not exceed the quality tolerances of the examiners standards. No post examination changes were requested.

Examination Administration and Performance:

One generic weakness was noted in that four of six RO applicants incorrectly performed a JPM in which they were required to determine the required boration for a given set of plant conditions.

4.0 OTHER ACTIVITIES

4OA6 Meetings, including Exit

On July 18, 2002, the NRC provided observations associated with the exam to Calvert Cliffs training personnel. Examination results were provided to the facility on August 1 , 2002. License numbers were provided by telephone on August 5, 2002.

The NRC expressed appreciation for the cooperation and assistance that was provided during the preparation and administration of the exams by the licensees training and operation staffs.

KEY POINTS OF CONTACT

Licensee

J. Hornick - Initial Training Unit Supervisor
B. Birney - Requal Training Unit Supervisor
M. Wasem - Sr. Operations Instructor - Exam Development Project Manager
K. Mills - Acting Operations Manager/ GS Operations

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

ITEM NUMBER	TYPE	DESCRIPTION
NONE		

Attachment 1

Simulation Facility Report

Calvert Cliffs Nuclear Power Plant

Docket No: 50-317/50-318

Operating Tests Administered on: July 15-18 2002

This form is used only to report observations. These observations do not constitute audit or inspection findings, and, without further verification and review, are not indicative of noncompliance with 10CFR55.45(b). These observations do not affect NRC certification or approval of the simulation facility other than to provide information that may be used in future evaluations. No licensee action is required in response to these observations.

When conducting the simulator portion of the operating tests, the examiners observed the following items:

ITEM	DESCRIPTION
0C Diesel output breaker	The breaker would not close in parallel with the applicable bus if incoming vs running speed difference was greater than .1 hz. This number is noted in the JPM; facility procedures say the interlock should be .5 hz.