



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION I  
2100 RENAISSANCE BLVD., SUITE 100  
KING OF PRUSSIA, PA 19406-2713

May 27, 2016

EA-16-96

Mr. Bryan C. Hanson  
Senior Vice President, Exelon Generation Company, LLC  
President and Chief Nuclear Officer (CNO), Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT – NRC BASELINE SECURITY  
INSPECTION REPORT 05000317/2016403, 5000318/2016403; INDEPENDENT  
SPENT FUEL STORAGE SECURITY INSPECTION REPORT  
07200008/2016401; AND EXERCISE OF ENFORCEMENT DISCRETION

Dear Mr. Hanson:

On April 27, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Calvert Cliffs Nuclear Power Plant. The NRC inspectors discussed the results of this inspection with Mr. George Gellrich, Site Vice President, and other members of your staff. The inspectors documented the results of this inspection in the enclosed inspection report.

NRC inspectors documented one finding of very low security significance (Green) in this report. This finding involved a violation of NRC requirements. The NRC is treating this violation as a non-cited violation (NCV) consistent with Section 2.3.2.a of the Enforcement Policy. If you contest this violation or the significance, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555 0001; with copies to the Regional Administrator, Region I; the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, DC 20555 0001; and the NRC resident inspector at the Calvert Cliffs Nuclear Power Plant.

One cross-cutting aspect was assigned to the finding in the area of Problem Identification and Resolution, Resolution, because Exelon failed to take effective corrective actions to address issues in a timely manner commensurate with their safety significance [P.3]. If you disagree with a cross-cutting aspect assignment in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the Regional Administrator, Region I; and the NRC resident inspector at the Calvert Cliffs Nuclear Power Plant.

Enclosure contains Sensitive Unclassified Non-Safeguards Information. When separated from Enclosure, the transmittal documented is decontrolled.
--

~~OFFICIAL USE ONLY - SECURITY-RELATED INFORMATION~~

B. Hanson

- 2 -

Additionally, a violation of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 37 with respect to large components containing Category 2 quantities of radioactive material and Category 2 quantities of radioactive material stored in robust structures was identified and the issue was discussed during the exit meeting. However, Exelon met all the criteria in NRC Enforcement Guidance Memorandum (EGM) 14-001 for the use of enforcement discretion; therefore, NRC is exercising enforcement discretion (EA-16-096) and will not issue any enforcement action for this violation. Additional details are contained in the non-public enclosure.

In accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or from the PARS component of NRC's ADAMS.

If you choose to provide a response and Security-Related Information is necessary to provide an acceptable response, please mark your entire response "Security-Related Information" Withhold From Public Disclosure Under 10 CFR §2.390" in accordance with 10 CFR §2.390(d)(1) and follow the instructions for withholding in 10 CFR §2.390(b)(1). In accordance with 10 CFR §2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

Sincerely,

/RA/

Raymond K. Lorson, Director  
Division of Reactor Safety

Docket Nos. 50-317, 50-318, 72-008  
License Nos. DPR-53, DPR-69, SNM-2505

~~OFFICIAL USE ONLY - SECURITY-RELATED INFORMATION~~

**OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION**

B. Hanson

- 2 -

Additionally, a violation of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 37 with respect to large components containing Category 2 quantities of radioactive material and Category 2 quantities of radioactive material stored in robust structures was identified and the issue was discussed during the exit meeting. However, Exelon met all the criteria in NRC Enforcement Guidance Memorandum (EGM) 14-001 for the use of enforcement discretion; therefore, NRC is exercising enforcement discretion (EA-16-096) and will not issue any enforcement action for this violation. Additional details are contained in the non-public enclosure.

In accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or from the PARS component of NRC's ADAMS.

If you choose to provide a response and Security-Related Information is necessary to provide an acceptable response, please mark your entire response "Security-Related Information Withhold From Public Disclosure Under 10 CFR §2.390" in accordance with 10 CFR §2.390(d)(1) and follow the instructions for withholding in 10 CFR §2.390(b)(1). In accordance with 10 CFR §2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

Sincerely,

/RA/

Raymond K. Lorson, Director  
Division of Reactor Safety

Docket Nos. 50-317, 50-318, 72-008  
License Nos. DPR-53, DPR-69, SNM-2505  
DISTRIBUTION: See Next Page

**Non-Public Designation Category: MD 3.4 Non-Public A.3**

DOC NAME: G:\DRS\Plant Support Branch 1\Security\2016 IR Draft\Calvert Cliffs\Calvert Cliffs 2016403 Att 2 4 7 71151 37 PI w OUO-SRI (NP).docx

**ADAMS ACCESSION NO.: ML16152A017 (Cover ltr)**

**ADAMS ACCESSION NO.: ML16152A016 (Cover ltr w/encl)**

Cover Letter: <input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
Cover Letter w/ Enclosure: <input checked="" type="checkbox"/> SUNSI Review		<input type="checkbox"/> Non-Sensitive <input checked="" type="checkbox"/> Sensitive		<input type="checkbox"/> Publicly Available <input checked="" type="checkbox"/> Non-Publicly Available	
OFFICE	RI/DRS	RI/DRS	RI/DRS	RI/DRP	RI/ORA
NAME	JRey	DEverhart	JCherubini	ADimitriadis	MMcLaughlin
DATE	5/10/16	5/17/16	5/10/16	5/17/16	5/5/16 email
OFFICE	RI/DRS	RI/DRS			
NAME	RMKinley	RLorson			
DATE	5/20/16	5/27/16			

OFFICIAL RECORD COPY

**OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION**

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

B. Hanson

- 3 -

Enclosure:

Inspection Report Nos. 05000317/2016403;  
05000318/2016403; and 07200008/2016401 w/Attachment:  
Supplemental Information (OUO SRI)

cc w/o encl; w/o OUO-SRI: Distribution via ListServ

cc w/encl; w/OUO-SRI:

T. Young, Director, Nuclear Security

T. Levering, Director, Emergency Preparedness Planning

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

B. Hanson

- 4 -

Letter to B. Hanson from R. Lorson

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT – NRC BASELINE SECURITY  
INSPECTION REPORT 05000317/2016403, 5000318/2016403; INDEPENDENT  
SPENT FUEL STORAGE SECURITY INSPECTION REPORT  
07200008/2016401; AND EXERCISE OF ENFORCEMENT DISCRETION

**Distribution w/o encl; w/o OUO-SRI (via E-mail)**

DLew, RA  
SFlanders, DRA  
MScott, DRP  
DPelton, DRP  
RLorson, DRS  
ADimitriadis, DRP  
ARosebrook, DRP  
ASiwy, DRP  
RClagg, DRP, SRI  
CROettgen, DRP, RI  
CFragman, DRP, AA  
RPowell, DNMS  
JBowen, RI, OEDO  
RidsNrrPMCalvertCliffs Resource  
RidsNrrDorLpl1-1 Resource  
ROPReports Resource

**Distribution w/encl; w/OUO-SRI:**

CJohnson, NSIR  
NSimonian, NSIR  
EWharton, NSIR  
BDesai, DRS, RII  
SOrth, DRS, RIII  
MHaire, DRS, RIV  
RMcKinley, DRS  
RPowell, DNMS  
JRey, DRS  
JCherubini, DRS  
DEverhart, DRS  
ADimitriadis, DRP Branch Chief  
RClagg, Senior Resident Inspector

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~