



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

April 14, 2015

Mr. George H. Gellrich, Vice President  
Calvert Cliffs Nuclear Power Plant, LLC  
Calvert Cliffs Nuclear Power Plant  
1650 Calvert Cliffs Parkway  
Lusby, MD 20657-4702

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND – 2  
REQUEST FOR ADDITIONAL INFORMATION REGARDING THE TECHNICAL  
SPECIFICATION TASK FORCE TRAVELER-425, "RELOCATE  
SURVEILLANCE FREQUENCIES TO LICENSEE CONTROL – RITSTF  
INITIATIVE 5B," REVISION 3, LICENSE AMENDMENT REQUEST (TAC  
NOS. MF4065 AND MF4066)

Dear Mr. Gellrich:

By letter dated May 1, 2014, Calvert Cliffs Nuclear Power Plant, LLC (the licensee) submitted a license amendment request (LAR) to adopt Revision 3 of Technical Specification Task Force Traveler - 425, "Relocate Surveillance Frequencies to Licensee Control – RITSTF Initiative 5b," by relocating specific surveillance frequencies to a licensee-controlled program with the implementation of Nuclear Energy Institute 04-10, Revision 1, "Risk-Informed Method for Control of Surveillance Frequencies," dated April 2007 for Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2.

The Nuclear Regulatory Commission (NRC) staff is reviewing the LAR and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed request for additional information (RAI). The NRC staff is requesting a response to the RAI within 30 days of the date of this letter.

G. Gellrich

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If you have any questions regarding this matter, please contact me at (301) 415-1016.

Sincerely,

A handwritten signature in black ink, appearing to be 'Nadiyah S. Morgan', with a long horizontal stroke extending to the right.

Nadiyah S. Morgan, Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-317 and 50-318

Enclosure:  
RAI

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION  
REGARDING TECHNICAL SPECIFICATION TASK FORCE TRAVELER-425, REVISION 3,  
LICENSE AMENDMENT REQUEST  
CALVERT CLIFFS NUCLEAR POWER PLANT, LLC.  
CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-317 AND 50-318

By letter dated May 1, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14125A015), Calvert Cliffs Nuclear Power Plant, LLC (the licensee) submitted a license amendment request (LAR) to adopt Revision 3 of Technical Specification Task Force Traveler - 425, "Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b," by relocating specific surveillance frequencies to a licensee-controlled program with the implementation of Nuclear Energy Institute (NEI) 04-10, Revision 1, "Risk-Informed Method for Control of Surveillance Frequencies," dated April 2007 (ADAMS Accession No. ML071360456) for Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2 (Calvert Cliffs). The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing the LAR and has determined that additional information is needed to complete its review. The NRC staff requests the following additional information:

1. Step 8 of Section 4.0 of NEI 04-10, Revision 1 states, in part, that:

The risk impact of a proposed [Surveillance Test Interval (STI)] adjustment shall be calculated as a change of the test-limited risk (see Regulatory Guide 1.177, Section 2.3.3<sup>[i]</sup>). Since the test-limited risk is associated with failures occurring between tests, the failure rate that shall be used in calculating the risk impact of a proposed STI adjustment is the time-related failure rate associated with failures occurring while the component is in standby between tests (i.e., risk associated with the longer time to detect standby-stress failures).

Describe how the Calvert Cliffs Surveillance Frequency Control Program will address the standby (i.e., the time-related) contribution for extended surveillances.

2. Attachment 2 of the LAR states that Calvert Cliffs does not have a low power or shutdown probabilistic risk assessment model. A qualitative analysis of shutdown events is acceptable, as presented in the NRC-endorsed document NEI 04-10, Revision 1. Step 10 of Section 4.0 of NEI 04-10, Revision 1 provides guidance on the initial assessment of Internal Events, External Events, and Shutdown Events. Describe how shutdown events will be assessed as part of the Calvert Cliffs Surveillance Frequency Control Program.

Enclosure

G. Gellrich

- 2 -

If you have any questions regarding this matter, please contact me at (301) 415-1016.

Sincerely,

**/RA/**

Nadiyah S. Morgan, Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-317 and 50-318

Enclosure:  
RAI

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M. Chernoff

**ADAMS Accession No: ML15099A031**

\*See dated memo      \*\*via email

OFFICE	LPLI-1/PM	LPLI-1/LA	DSS/SRXB/BC	LPLI-1/BC (A)
NAME	NMorgan	KGoldstein (JBurkhardt for**)	CJackson*	MDudek
DATE	4/09/2015	4/09/2015	3/25/2015	4/14/2015

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