



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

November 30, 2011

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: REQUEST FOR ADDITIONAL INFORMATION REGARDING 60-DAY
RESPONSE TO BULLETIN 2011-01, "MITIGATING STRATEGIES" - CALVERT
CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2 (TAC NOS. ME6412
AND ME6413)

Dear Mr. Gellrich:

On May 11, 2011, the U.S. Nuclear Regulatory Commission (NRC) issued Bulletin 2011-01, "Mitigating Strategies" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML111250360), to all holders of operating licenses for nuclear power reactors, except those that have permanently ceased operation and have certified that fuel has been removed from the reactor vessel. The purpose of the bulletin was to obtain a comprehensive verification that licensees' mitigating strategies to maintain or restore core cooling, spent fuel cooling, and containment following a large explosion or fire were compliant with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.54(hh)(2). The bulletin requested information on licensee 10 CFR 50.54(hh)(2) mitigating strategies in light of the recent events at Japan's Fukushima Daiichi facility to determine if (1) additional assessment of program implementation is needed, (2) the current inspection program should be enhanced, or (3) further regulatory action is warranted.

The bulletin required two sets of responses pursuant to the provisions of 10 CFR 50.54(f). The first responses were due 30 days after issuance of the bulletin (June 10, 2011). By letter dated June 10, 2011 (ADAMS Accession No. ML11164A262), you provided a response to the first set of questions for Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2. The second responses were due 60 days after issuance of the bulletin (July 11, 2011). By letter dated July 11, 2011 (ADAMS Accession No. ML11194A023), you responded to this second set of questions.

The NRC staff has reviewed the submitted information and determined that it needs additional information regarding your 60-day response to the bulletin. As discussed with your staff, we understand that you plan to respond to the enclosed request for additional information by February 13, 2012.

G. Gellrich

- 2 -

Please contact me at 301-415-1364 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Pickett" with a stylized flourish at the end.

Douglas V. Pickett, Senior 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:
As stated

cc w/encl: Distribution via Listserv

NRC BULLETIN 2011-01, "MITIGATING STRATEGIES"

REQUEST FOR ADDITIONAL INFORMATION

CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2

1. Describe in detail the maintenance or testing of monitor nozzles, spray nozzles, or similar devices to ensure that they will be functional when needed.

The bulletin requested that each licensee describe in detail the maintenance and testing on equipment procured to support the mitigating strategies to ensure that it will be functional when needed. In the context of the mitigating strategies, these devices are commonly used for firefighting, spent fuel pool spray strategies, and as a means to reduce the magnitude of fission product releases. The NRC staff could not determine if you performed activities to ensure that these devices will be functional when needed.

2. Describe in detail how you ensure there is sufficient fuel for the pumping source when needed.

The bulletin requested that each licensee describe in detail the maintenance of equipment supporting the mitigating strategies to ensure that it will be functional when needed. The NRC staff could not determine if you performed activities to ensure that sufficient fuel would be available for the pumping source so that it will be functional when needed.

3. Describe in detail how you ensure the availability of local law enforcement relied upon for emergency response to a B.5.b event.

The bulletin requested that each licensee describe in detail how it ensures the availability of offsite support, including a listing of offsite organizations relied upon for emergency response. Typically, local law enforcement agencies are relied upon for emergency response to a B.5.b event. In response to Question 5 of the bulletin, you did not identify any local law enforcement agencies as being relied upon to respond to a B.5.b event.

Enclosure

G. Gellrich

- 2 -

Please contact me at 301-415-1364 if you have any questions.

Sincerely,

RGuzman for

Douglas V. Pickett, Senior 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:
As stated

cc w/encl: Distribution via Listserv

DISTRIBUTION:

PUBLIC	LPL1-1 r/f	RidsNrrDorlLpL1-1
RidsNrrPMCalvertCliffs	RidsNrrDprPgcb	BPurnell, NRR
RidsOgcMailCenter	RidsNrrLASLittle	RidsAcrsAcnwMailCenter
RidsRegion1MailCenter	GDentel, R1	EBowman, NRR

ADAMS ACCESSION NO: ML113110588

OFFICE	LPL1-1/PM	LPL1-1/LA	PGCB	PGCB/BC	LPL1-1/BC
NAME	DPickett	SLittle	BPurnell	SRosenberg	NSalgado
DATE	11 / 30 / 11	11 / 08 / 11	11 / 30 / 11	11 / 30 / 11	11 / 30 / 11

OFFICIAL RECORDS COPY