



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

January 13, 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: CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2 -
EXEMPTION FOR USE OF M5 CLADDING (TAC NOS. ME5154 AND ME5155)

Dear Mr. Gellrich:

The Commission has approved the enclosed exemption from the specific requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) 50.46 and 10 CFR Part 50, Appendix K, for the Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2. This action is in response to your application for a license amendment and exemption request dated November 23, 2009, to allow the use of M5 advanced alloy for fuel rod cladding and other assembly structural components.

A copy of the exemption is enclosed. The exemption has been forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in black ink that reads "Douglas V. Pickett".

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:
Exemption

cc w/encl: Distribution via Listserv

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/RA/

Douglas V. Pickett, Senior Project Manager
Plant Licensing Branch I-1
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ADAMS Accession Nos. PKG ML103270546
LTR (NRR-106) ML103070113
Exemption FRN (NRR-042) ML103070189

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