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**CALVERT CLIFFS
NUCLEAR POWER PLANT**

February 11, 2011

U. S. Nuclear Regulatory Commission
Washington, DC 20555**ATTENTION:** Document Control Desk**SUBJECT:** Calvert Cliffs Nuclear Power Plant
Unit No. 1; Docket No. 50-317
Request for Extension of Submittal of Reactor Vessel Material Surveillance
Capsule Report

Appendix H of 10 CFR Part 50 requires a program to monitor changes in the fracture toughness properties of ferritic materials in the reactor vessel beltline region of light water nuclear power reactors which result from exposure of these materials to neutron irradiation and the thermal environment. Under the program, fracture toughness test data are obtained from material specimens exposed in surveillance capsules, which are withdrawn periodically from the reactor vessel. Paragraph IV.A of Appendix H states that, "Each capsule withdrawal and the test specimen results must be the subject of a summary technical report to be submitted, as specified in 10 CFR 50.4, within one year of the date of capsule withdrawal, unless an extension is granted by the Director, Office of Nuclear Reactor Regulation." Therefore, pursuant to Appendix H of 10 CFR Part 50, Calvert Cliffs Nuclear Power Plant, LLC (Calvert Cliffs) hereby submits for approval a request for an extension to the schedule for submitting the test results from the most recently withdrawn reactor vessel material surveillance capsule at the Calvert Cliffs Nuclear Power Plant.

Calvert Cliffs completed its most recent refueling outage in the spring of 2010. The reactor vessel 284° material surveillance capsule was removed during the outage on March 8, 2010 and was subsequently sent off site for testing. The reporting requirements of Appendix H dictate that the summary technical report be submitted no later than March 8, 2011. However, in order to provide more time for the vendor to complete the associated technical reports, Calvert Cliffs is requesting an extension until April 8, 2011 for the submittal of the summary report.

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Should you have questions regarding this matter, please contact Mr. Douglas E. Lauver at (410) 495-5219.

Very truly yours,

W J WILSON 

for

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