

March 31, 2011

Mr. J. Rodney Little, Director &  
State Historic Preservation Officer  
Maryland Historical Trust  
100 Community Place, 3<sup>rd</sup> Floor  
Crownsville, MD 21032

SUBJECT: INITIATION OF SECTION 106 PROCESS FOR THE ENVIRONMENTAL  
REVIEW OF CALVERT CLIFFS INDEPENDENT SPENT FUEL STORAGE  
INSTALLATION PROPOSED LICENSE RENEWAL (TAC NO. J00839)

Dear Mr. Little:

By letter dated September 17, 2010, Calvert Cliffs Nuclear Power Plant, LLC (CCNPP) submitted a license renewal application to the U. S. Nuclear Regulatory Commission (NRC) for the CCNPP site-specific Independent Spent Fuel Storage Installation (ISFSI). The CCNPP ISFSI is located on approximately six acres within the CCNPP site near Lusby, Maryland. CCNPP is requesting that Materials License Number SNM-2505 for the ISFSI be renewed for a 40-year period. The CCNPP ISFSI currently is operating under its initial NRC 20-year license that was issued on November 30, 1992.

As established in Title 10 *Code of Federal Regulations* (CFR) Part 51 (10 CFR 51), the NRC's regulations that implement the National Environmental Policy Act of 1969, as amended, the agency is preparing an Environmental Assessment (EA) for the proposed action. Further, the NRC staff is using the process set forth in 36 CFR 800.8 to comply with its obligation under Section 106 of the National Historic Preservation Act of 1966, as amended (NHPA). In accordance with 36 CFR 800.8, the EA will include analyses of impacts to historic and cultural resources. To support the environmental review, the NRC is requesting input from the Maryland Historical Trust to facilitate the identification of local resource areas that may be affected by a renewal of the CCNP ISFSI license. Any input you provide will be used to enhance the scope and quality of our review. After assessing the information provided by you, the NRC will determine what additional actions are necessary to comply with Section 106 of the NHPA.

With respect to the proposed action, the ISFSI is located approximately 2,300 feet southwest of the existing CCNPP nuclear power plant (Enclosure 1). Current major operations include: (1) loading of spent fuel into shielded casks from the spent fuel pool at the power plant; (2) transport of the casks from the spent fuel pool to the ISFSI along dedicated roads on the CCNPP site; and (3) placement of the casks in the ISFSI. No gaseous, liquid, or solid wastes are generated at the ISFSI, and environmental monitoring of the ISFSI site is carried out under the CCNPP site-wide environmental monitoring program. In its license renewal application, CCNPP anticipates no change in its current operations at the ISFSI, or in the environmental monitoring programs associated with those operations. Additionally, no construction at the existing ISFSI facility and site is expected beyond that previously approved in the initial licensing process. Based on this information, the "area of potential effects" is limited to the CCNP site, with the majority of activity further constrained to the ISFSI site and the road from the spent fuel pool to the ISFSI.

In April 2010, the NRC issued NUREG-1936, "Environmental Impact Statement for the Combined License (COL) for the Calvert Cliffs Nuclear Power Plant Unit 3 – Draft Report for Comment." In preparing NUREG-1936, the NRC staff corresponded with your office on the presence of historic properties in the vicinity of the proposed Unit 3 nuclear power plant – a copy of your response to the U.S. Army Corps is enclosed (Enclosure 2). Activities related to the operation of the CCNPP ISFSI presently and during the proposed license renewal period occur within the existing boundary of the CCNPP site and would not include activities in the proposed vicinity of the proposed Unit 3 nuclear power plant.

The CCNPP ISFSI license renewal application is publicly available in the NRC Public Document Room located at One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852, or from the NRC's Agencywide Documents Access and Management System (ADAMS). The ADAMS Public Electronic Reading Room is accessible at <http://www.nrc.gov/reading-rm/adams.html>. The accession number for the CCNPP license renewal application package is ML102650247.

Please submit any comments and information that you may have regarding this matter within 30 days of the receipt of this letter to the NRC with Attn: Ms. Diana Diaz-Toro, Mail Stop T-8F05, Washington, DC 20555. If you have any questions or need additional information regarding the proposed license renewal and environmental review process, please contact Mr. James Park of my staff by telephone at 301-415-6935 or by email at [James.Park@nrc.gov](mailto:James.Park@nrc.gov). Thank you for your assistance.

Sincerely,

**/RA/**

Diana Diaz-Toro, Chief  
Environmental Review Branch A  
Environmental Protection and  
Performance Assessment Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Docket No.: 72-8

License No.: SNM-2505

Enclosures:

1. Location of the ISFSI  
on the CCNPP site
2. Correspondence between MHT  
and USACE On Unistar  
Calvert Cliffs Unit 3

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Distribution

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