

U.S. NUCLEAR REGULATORY COMMISSION  
CALVERT CLIFFS NUCLEAR POWER PLANT, LLC  
INDEPENDENT SPENT FUEL STORAGE INSTALLATION  
DOCKET NO. 72-08  
NOTICE OF ISSUANCE OF  
AMENDMENT TO MATERIALS LICENSE NO. SNM-2505

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Notice of Issuance of Amendment to Materials License SNM-25

**DATE:** A request for a hearing must be filed by **[INSERT DATE: 60 DAYS FROM DATE OF PUBLICATION]**

**FOR FURTHER INFORMATION CONTACT:** John Goshen, Project Manager, Licensing Branch, Division of Spent Fuel Storage and Transportation, Office of Nuclear Material Safety and Safeguards, Mail Stop EBB-3D-02M, U.S. Nuclear Regulatory Commission, Washington, DC, 20555-0001. Telephone: (301) 492-3325; e-mail: [john.goshen@nrc.gov](mailto:john.goshen@nrc.gov).

**SUPPLEMENTARY INFORMATION:**

**I. Introduction**

By application dated June 15, 2009, as supplemented February 18, March 31, May 6, and September 1, 2010, Calvert Cliffs Nuclear Power Plant, LLC (CCNPP) submitted an application to NRC, in accordance with 10 CFR Part 72, requesting an amendment to NRC Materials License No. SNM-2505. CCNPP 's application requested that the Independent Spent Fuel Storage Installation (ISFSI) Technical Specifications (TS) be revised as follows:

1. TS Limiting Condition for Operation (LCO) 3.1.1(3), "Fuel to be Stored at ISFSI."  
Increases the maximum assembly average burnup limit for fuel stored in the NUHOMS<sup>®</sup>-32P Dry Storage Canisters (DSCs) to 52,000 MWd/MTU,

2. TS 2.1, "Fuel to be Stored at ISFSI." Adds a new gamma source for the NUHOMS<sup>®</sup>-32P DSC of  $1.61 \times 10^{15}$  MeV/sec/assembly to allow fuel that reaches the TS LCO 3.1.1(5) assembly thermal limit with a maximum cooling time of seven years to be loaded. Raises the NUHOMS<sup>®</sup>-32P DSC neutron source to  $4.175 \times 10^8$  neutrons/sec/assembly to support storage of the higher burnup fuel.
3. LCO 3.4.1.1, "Maximum Air Temperature Rise." Raises the allowable air temperature rise from inlet to outlet of the Horizontal Storage Module from 60° F to 64° F.

In accordance with 10 CFR 72.16, a Notice of Docketing was published in the Federal Register on January 14, 2010 (75 FR 2163). Pursuant to 10 CFR 72.46(b)(2), on September 9, 2010, the NRC approved and issued Amendment No. 9 to Materials License No. SNM-2505, held by CCNPP for the receipt, possession, transfer, and storage of spent fuel at the Calvert Cliffs ISFSI. Amendment No. 9 was effective as of the date of issuance.

Amendment No. 9 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the NRC's rules and regulations. As required by the Act and the NRC's rules and regulations in 10 CFR Chapter I, the NRC has made appropriate findings, which are set forth in Amendment No. 9 Safety Evaluation Report (SER). The issuance of Amendment No. 9 satisfied the criteria specified in 10 CFR 51.22(c)(11) for a categorical exclusion. Thus, the preparation of an environmental assessment or an environmental impact statement is not required.

## **II. Opportunity to Request a Hearing**

In accordance with 10 CFR 72.46(b)(2), the staff has determined that this license amendment does not present a genuine issue as to whether public health and safety will be significantly affected. Therefore, immediate action on the license amendment may be taken and a notice of the action will be promptly published in the Federal Register. This Federal Register notice also informs interested persons of the right to request a hearing on whether the action should be rescinded or modified.

Any person whose interest may be affected by this proceeding and who desires to have this action rescinded or modified must file a request for a hearing and, a specification of the contentions which the person seeks to have litigated in the hearing, in accordance with the NRC E-Filing rule, which the NRC promulgated on August 28, 2007 (72 FR 49139). All documents filed in NRC adjudicatory proceedings, including documents filed by interested governmental entities participating under 10 CFR 2.315(c) and any motion or other document filed in the proceeding prior to the submission of a request for hearing or petition to intervene, must be filed in accordance with the E-Filing rule. The E-Filing rule requires participants to submit and serve all adjudicatory documents over the Internet, or in some cases, to mail copies on electronic storage media. Participants may not submit paper copies of their filings unless they seek a waiver in accordance with the procedures described below.

To comply with the procedural requirements of E-Filing, at least ten (10) days prior to the filing deadline, the petitioner/ requestor should contact the Office of the Secretary by e-mail at HEARINGDOCKET@NRC.GOV, or by calling (301) 415-1677, to request (1) a digital ID certificate, which allows the participant (or its counsel or representative) to digitally sign documents and access the E-Submittal server for any proceeding in which it is participating; and/or (2) creation of an electronic docket for the proceeding (even in instances in which the petitioner/requestor (or its counsel or representative) already holds an NRC-issued digital ID certificate). Each petitioner/requestor will need to download the Workplace Forms Viewer™ to access the Electronic Information Exchange (EIE), a component of the E-Filing system. The Workplace Forms Viewer™ is free and is available at <http://www.nrc.gov/site-help/e-submittals/install-viewer.html>. Information about applying for a digital ID certificate is available on NRC's public website at <http://www.nrc.gov/site-help/e-submittals/apply-certificates.html>.

Once a petitioner/requestor has obtained a digital ID certificate, had a docket created, and downloaded the EIE viewer, they can then submit a request for hearing or petition for leave to intervene. Submissions should be in Portable Document Format (PDF) in accordance with

NRC guidance available on the NRC public website at <http://www.nrc.gov/site-help/e-submittals.html>. A filing is considered complete at the time the filer submits its documents through EIE. To be timely, an electronic filing must be submitted to the EIE system no later than 11:59 p.m., Eastern Time on the due date. Upon receipt of a transmission, the E-Filing system time-stamps the document and sends the submitter an e-mail notice confirming receipt of the document. The EIE system also distributes an e-mail notice that provides access to the document to the NRC Office of the General Counsel and any others who have advised the Office of the Secretary that they wish to participate in the proceeding, so that the filer need not serve the documents on those participants separately. Therefore, applicants and other participants (or their counsel or representative) must apply for and receive a digital ID certificate before a hearing request/petition to intervene is filed so that they can obtain access to the document via the E-Filing system.

A person filing electronically using the agency's adjudicatory e-filing system may seek assistance through the "Contact Us" link located on the NRC website at <http://www.nrc.gov/site-help/e-submittals.html> or by calling the NRC electronic filing Help Desk, which is available between 8:00 a.m. and 8:00 p.m., Eastern Time, Monday through Friday, excluding government holidays. The toll-free help line number is (866) 672-7640. A person filing electronically may also seek assistance by sending an e-mail to the NRC electronic filing Help Desk at [MSHD.Resource@nrc.gov](mailto:MSHD.Resource@nrc.gov).

Participants who believe that they have a good cause for not submitting documents electronically must, in accordance with 10 CFR 2.302(g), file an exemption request with their initial paper filing requesting authorization to continue to submit documents in paper format. Such filings must be submitted by: (1) first class mail addressed to the Office of the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, Attention: Rulemaking and Adjudications Staff; or (2) courier, express mail, or expedited delivery service to the Office of the Secretary, Sixteenth Floor, One White Flint North, 11555 Rockville Pike,

Rockville, Maryland, 20852, Attention: Rulemaking and Adjudications Staff. Participants filing a document in this manner are responsible for serving the document on all other participants. Filing is considered complete by first-class mail as of the time of deposit in the mail, or by courier, express mail, or expedited delivery service upon depositing the document with the provider of the service.

Non-timely requests and/or petitions and contentions will not be entertained absent a determination by the Commission, the presiding officer, or the Atomic Safety and Licensing Board that the petition and/or request should be granted and/or the contentions should be admitted based on a balancing of the factors specified in 10 CFR 2.309(c)(1)(i)-(viii).

Documents submitted in adjudicatory proceedings will appear in NRC's electronic hearing docket which is available to the public at [http://ehd.nrc.gov/EHD\\_Proceeding/home.asp](http://ehd.nrc.gov/EHD_Proceeding/home.asp), unless excluded pursuant to an order of the Commission, an Atomic Safety and Licensing Board, or a Presiding Officer. Participants are requested not to include social security numbers in their filings. With respect to copyrighted works, except for limited excerpts that serve the purpose of the adjudicatory filings and would constitute a Fair Use application, participants are requested not to include copyrighted materials in their submission.

The formal requirements for documents contained in 10 CFR 2.304(a), (c)-(e) must be met. If the NRC grants an electronic document exemption in accordance with 10 CFR 2.302(g)(3), then the requirements for paper documents, set forth in 10 CFR 2.304(b), must also be met.

In accordance with 10 CFR 2.309(b), a request for a hearing must be filed by **[INSERT DATE: 60 DAYS FROM THE DATE OF PUBLICATION]**.

In addition to meeting other applicable requirements of 10 CFR 2.309, a request for a hearing filed by a person other than an applicant must state:

1. The name, address, and telephone number of the requester;

2. The nature of the requester's right under the Act to be made a party to the proceeding;
3. The nature and extent of the requester's property, financial or other interest in the proceeding;
4. The possible effect of any decision or order that may be issued in the proceeding on the requester's interest; and
5. The circumstances establishing that the request for a hearing is timely in accordance with 10 CFR 2.309(b).

In accordance with 10 CFR 2.309(f)(1), a request for hearing or petition for leave to intervene must set forth with particularity the contentions sought to be raised. For each contention, the request or petition must:

1. Provide a specific statement of the issue of law or fact to be raised or controverted;
2. Provide a brief explanation of the basis for the contention;
3. Demonstrate that the issue raised in the contention is within the scope of the proceeding;
4. Demonstrate that the issue raised in the contention is material to the findings that the NRC must make to support the action that is involved in the proceeding;
5. Provide a concise statement of the alleged facts or expert opinions which support the requester's/petitioner's position on the issue and on which the requester/petitioner intends to rely to support its position on the issue; and
6. Provide sufficient information to show that a genuine dispute exists with the applicant on a material issue of law or fact. This information must include references to specific portions of the application (including the applicant's environmental report and safety report) that the requester/petitioner disputes and the supporting reasons for each dispute, or, if the requester/petitioner believes the application fails to contain

information on a relevant matter as required by law, the identification of each failure and the supporting reasons for the requester's/petitioner's belief.

In addition, in accordance with 10 CFR 2.309(f)(2), contentions must be based on documents or other information available at the time the petition is to be filed, such as the application or other supporting document filed by an applicant or licensee, or otherwise available to the petitioner. The requester/petitioner may amend those contentions or file new contentions if there are data or conclusions in the NRC documents that differ significantly from the data or conclusions in the applicant's documents. Otherwise, contentions may be amended or new contentions filed after the initial filing only with leave of the presiding officer.

Requesters/petitioners should, when possible, consult with each other in preparing contentions and combine similar subject matter concerns into a joint contention, for which one of the co-sponsoring requesters/petitioners is designated the lead representative. Further, in accordance with 10 CFR 2.309(f)(3), any requester/petitioner that wishes to adopt a contention proposed by another requester/petitioner must do so, in accordance with the E-Filing rule, within ten days of the date the contention is filed, and designate a representative who shall have the authority to act for the requester/petitioner.

In accordance with 10 CFR 2.309(g), a request for hearing and/or petition for leave to intervene may also address the selection of the hearing procedures, taking into account the provisions of 10 CFR 2.310.

### **III. Further information**

The NRC has prepared a SER that documents the staff's review and evaluation of the amendment. In accordance with 10 CFR 2.390 of NRC's "Rules of Practice," final NRC records and documents related to this action, including the application for amendment and supporting documentation and the SER, are available electronically at the NRC's Electronic Reading Room, at: <http://www.nrc.gov/reading-rm/adams.html>. From this site, you can access NRC's Agencywide Document Access and Management System (ADAMS), which provides text and

image files of NRC's public documents. The ADAMS Accession Numbers for the applicable documents are:

Document	Date	ADAMS Accession No.
License Amendment Request	June 15, 2009	ML091680541
Response to First Request for Additional Information	February 18, 2010	ML100560175
Supplemental Information	March 31, 2010	ML100950449
Response to Second Request for Additional Information	September 1, 2010	ML102530139
License Amendment No. 1 Issuance Package	September 14, 2010	ML102571628
Safety Evaluation Report	September 14, 2010	ML102571637

If you do not have access to ADAMS, or if there are problems in accessing the documents located in ADAMS, contact NRC's Public Document Room (PDR) Reference staff at 1-800-397-4209, 301-415-4737, or by e-mail to [pdrc@nrc.gov](mailto:pdrc@nrc.gov).

These documents may also be viewed electronically on the public computers located at NRC's PDR, O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, MD 20852. The PDR reproduction contractor will copy documents, for a fee.



Dated at Rockville, Maryland, this 14<sup>th</sup> day of September, 2010.

FOR THE NUCLEAR REGULATORY COMMISSION

**/RA/**

Eric Benner, Chief  
Licensing Branch  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety  
and Safeguards

Dated at Rockville, Maryland, this 14<sup>th</sup> day of September, 2010.

FOR THE NUCLEAR REGULATORY COMMISSION

**/RA/**

Eric Benner, Chief  
Licensing Branch  
Division of Spent Fuel Storage and Transportation  
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