

**NATIONAL SCIENCE FOUNDATION****Committee on Equal Opportunities in Science and Engineering (CEOSE); Notice of Meeting**

In accordance with the Federal Advisory Committee Act (Pub. L. 92-463, as amended), the National Science Foundation announces the following meeting:

*Name:* Committee on Equal Opportunities in Science and Engineering (1173).

*Dates/Time:* June 29, 2009, 8:30 a.m.–5:30 p.m. June 30, 2009, 8:30 a.m.–2 p.m.

*Place:* National Science Foundation (NSF), 4201 Wilson Boulevard, Room 1235 Arlington, VA 22230.

To help facilitate your access into the building, please contact the individual listed below prior to the meeting so that a visitors badge may be prepared for you in advance.

*Type of Meeting:* Open.

*Contact Person:* Dr. Margaret E.M. Tolbert, Senior Advisor and CEOSE Executive Liaison, Office of Integrative Activities, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230.

*Telephone Numbers:* (703) 292-4216, (703) 292-8040, [mtolbert@nsf.gov](mailto:mtolbert@nsf.gov).

*Minutes:* Minutes may be obtained from the Executive Liaison at the above address or the Web site at <http://www.nsf.gov/od/oia/activities/ceose/index.jsp>.

*Purpose of Meeting:* To study NSF programs and policies and provide advice and recommendations concerning broadening participation in science and engineering.

**Agenda**

*Monday, June 29, 2009*

Opening Statement by the CEOSE Chair.  
Presentations and Discussions:

- ✓ The Intersection of Science and Engineering with Diversity and Inclusion;
- ✓ Women and Underrepresented Minorities in STEM: a Science Policy Perspective;
- ✓ A Conversation with the Deputy Director of the National Science Foundation;
- ✓ Plans for the CEOSE Mini-Symposium on Women of Color in Science and Engineering;
- ✓ Key Points from the “Understanding Interventions that Broaden Participation in Research Careers Conference”;
- ✓ Race, Gender, Ethnicity, and Disability in China—A CEOSE Member’s Perspective;
- ✓ The 2007–2008 CEOSE Biennial Report to Congress;
- ✓ Concurrent Meetings of CEOSE Ad Hoc Subcommittees;
- ✓ Reports by Ad Hoc Subcommittee Chairs.

*Tuesday, June 30, 2009*

Opening Statement by the CEOSE Chair.  
Presentations and Discussions:

- ✓ NSF Program Management Curriculum, Program Directors’ Seminar With a Focus on Broadening Participation Aspects;

- ✓ Broadening Participation at the National Science Foundation and the Impact of the American Recovery and Reinvestment Act and America Competes Act;
- ✓ Reports by CEOSE Liaisons to Various NSF Advisory Committees;
- ✓ Completion of Unfinished Business.

Dated: June 9, 2009.

**Susanne Bolton,**

*Committee Management Officer.*

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**BILLING CODE 7555-01-P**

**NUCLEAR REGULATORY COMMISSION**

**[Dockets 50-0416 and 72-0050; NRC-2009-0230]**

**Notice of Issuance of Environmental Assessment and Finding of No Significant Impact; Entergy Operations, Inc., Grand Gulf Nuclear Station, Independent Spent Fuel Storage Installation**

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Issuance of Environmental Assessment and Finding of No Significant Impact.

**FOR FURTHER INFORMATION CONTACT:** John Goshen, Project Manager, Division of Spent Fuel Storage and Transportation, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555. Telephone: (301) 492-3325; fax number: (301) 492-3342; e-mail: [john.goshen@nrc.gov](mailto:john.goshen@nrc.gov).

**SUPPLEMENTARY INFORMATION:****I. Environmental Assessment (EA)**

*Identification of Proposed Action:* By letter dated December 22, 2008, as supplemented March 20, 2009, Entergy Operations, Inc. (Entergy) submitted to the United States Nuclear Regulatory Commission (NRC) a one-time exemption request from the requirements of 10 CFR 72.212(a)(2) and (b)(7) for four HI-STORM 100 System Model 68 Multi-Purpose Canisters (MPCs) at the Grand Gulf Nuclear Station (GGNS) Independent Spent Fuel Storage Facility (ISFSI) due to non-compliance with two of the terms and conditions of Certificate of Compliance (CoC)-1014, Amendment No. 2 at the time of cask loading. Section 72.212(a)(2) limits the general license issued by 10 CFR 72.210 to the storage of spent fuel in casks approved under the provisions of Part 72. Section 72.212(b)(7) requires that the general licensee to comply with the terms and conditions of the applicable CoC.

In December 2006, due to a database error, Entergy loaded four MPCs with individual fuel assemblies (IFAs) that exceeded the maximum burnup limits and maximum decay heat limits specified in the CoC-1014, Amendment No. 2, Appendix B, Section 2.1. Additionally, the supplemental cooling required by the CoC-1014, Amendment No. 2, Appendix A, Section 3.1.4 for the four MPCs had not been implemented. Entergy identified the non-compliances on June 18, 2008, in an event report to the NRC, along with a preliminary evaluation that determined that fuel cladding temperatures had not exceeded thermal limits during any time during the affected period. The proposed action before the NRC is whether to grant this exemption request pursuant to 10 CFR 72.7.

*Need for the Proposed Action:* Entergy requested the exemption from 10 CFR 72.212(a)(2) and 10 CFR 72.212(b)(7) to allow continued, non-compliant storage of the IFAs in the affected MPCs.

*Environmental Impacts of the Proposed Action:* The proposed action under consideration would allow Entergy a one-time exemption from 10 CFR 72.212(a)(2) and 10 CFR 72.212(b)(7) for the four affected MPCs at GGNS ISFSI. Entergy’s evaluation and a thermal analysis by Holtec, the fabricator of the cask system, determined that the fuel cladding was intact, and therefore, the integrity of the affected MPCs and the contained IFAs was not compromised. The heat loads in the affected casks have decreased to within the limits set by CoC-1014.

The NRC staff concludes that the requested exemption has low safety significance and that, in accordance with 10 CFR 72.7, approval of the requested exemption will not endanger life or property or the common defense and security and is otherwise in the public interest. The NRC staff further concludes that approving the exemption request would have no significant impact on the environment.

*Alternative to the Proposed Action:* The no-action alternative to the proposed action would be to deny approval of the exemption. Denial of the exemption request would require Entergy to unload the affected MPCs. Unloading the MPCs would expose Entergy’s personnel to additional radiation, generate contaminated waste, and run the risks of a possible fuel handling accident and a possible heavy load handling accident.

Given the risks associated with unloading the casks and that there are no significant radiological or non-radiological environmental impacts arising from the continued storage of the