

Space Flight Center, Mail Code 140.1, Greenbelt, MD 20771-0001; telephone (301) 286-7351; fax (301) 286-9502.

*NASA Case No. GSC-14480-2: Gear Bearings;*

*NASA Case No. GSC-15027-1: Interferometric Polarization Control;*  
*NASA Case No. GSC-14979-1: Modular Gear Bearings;*

*NASA Case No. GSC-15038-1: System and Method of Self-Properties for An Autonomous and Automatic Computer Environment.*

Dated: September 19, 2006.

**Keith T. Sefton,**

*Deputy General Counsel, Administration and Management.*

[FR Doc. E6-15686 Filed 9-25-06; 8:45 am]

**BILLING CODE 7510-13-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (06-071)]

### Government-Owned Inventions Available for Licensing

**AGENCY:** National Aeronautics and Space Administration.

**ACTION:** Notice of availability of inventions for licensing.

**SUMMARY:** The inventions listed below assigned to the National Aeronautics and Space Administration, have been filed in the United States Patent and Trademark Office, and are available for licensing.

**DATES:** September 26, 2006.

**FOR FURTHER INFORMATION CONTACT:** Kent N. Stone, Patent Counsel, Glenn Research Center at Lewis Field, Code 500-118, Cleveland, OH 44135; telephone (216) 433-8855; fax (216) 433-6790.

*NASA Case No. LEW-17345-2: Temporal Laser Pulse Manipulation Using Multiple Optical Ring Cavities;*

*NASA Case No. LEW-17786-1: Fully-Premixed Low-Emissions High-Pressure Multi-Fuel Burner;*

*NASA Case No. LEW-17826-1: Method and System for Fiber Optic Determination of Nitrogen and Oxygen Concentrations in Ullage of Liquid Fuel Tanks;*

*NASA Case No. LEW-17814-1: Multi-Wavelength Time-Coincident Optical Communications System;*

*NASA Case No. LEW-17859-1: Miniaturized Metal (Metal Alloy)/PdOx/SiC Schottky Diode Gas Sensors for Hydrogen and Hydrocarbons Detection at High Temperatures.*

Dated: September 19, 2006.

**Keith T. Sefton,**

*Deputy General Counsel, Administration and Management.*

[FR Doc. E6-15688 Filed 9-25-06; 8:45 am]

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## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (06-072)]

### Government-Owned Inventions Available for Licensing

**AGENCY:** National Aeronautics and Space Administration.

**ACTION:** Notice of availability of inventions for licensing.

**SUMMARY:** The inventions listed below assigned to the National Aeronautics and Space Administration, have been filed in the United States Patent and Trademark Office, and are available for licensing.

**DATES:** September 26, 2006.

**FOR FURTHER INFORMATION CONTACT:**

Robert M. Padilla, Patent Counsel, Ames Research Center, Code 202A-4, Moffett Field, CA 94035-1000; telephone (650) 604-5104; fax (650) 604-2767.

*NASA Case No. ARC-14743-3:*

Compensation for Thermal Expansion Differences and Thermal Shock Effects in a Thermal Protection System;

*NASA Case No. ARC-15566-2: Coated or Doped Carbon Nanotube Network Sensors as Affected by Environmental Parameters And Elapsed Time;*

*NASA Case No. ARC-15684-1: Interactive Inventory Monitoring;*

*NASA Case No. ARC-15792-1: Control of Diameter and Chirality of Nanostructures;*

*NASA Case No. ARC-15820-1: Resistive Switching Memory Element Using a Phase Change Nanomaterial;*

*NASA Case No. ARC-15314-2: Carbon Nanotube Growth Density Control.*

Dated: September 19, 2006.

**Keith T. Sefton,**

*Deputy General Counsel, Administration and Management.*

[FR Doc. E6-15689 Filed 9-25-06; 8:45 am]

**BILLING CODE 7510-13-P**

## NUCLEAR REGULATORY COMMISSION

[Docket No. 52-011]

### Southern Nuclear Operating Company; Notice of Acceptance for Docketing of Application for Early Site Permit (ESP) for the Vogtle ESP Site

On August 15, 2006, the Nuclear Regulatory Commission (NRC, the Commission) received an application from Southern Nuclear Operating Company, dated August 14, 2006, filed pursuant to section 103 of the Atomic Energy Act and 10 CFR part 52, for an early site permit (ESP) for a location in eastern Georgia (near Waynesboro, Georgia) identified as the Vogtle ESP site. A notice of receipt and availability of this application was previously published in the **Federal Register** (71 FR 51222: August 29, 2006). The applicant supplemented the application by letters dated September 6 (two letters), 2006, and September 13, 2006. An applicant may seek an ESP in accordance with Subpart A of 10 CFR Part 52 separate from the filing of an application for a construction permit (CP) or combined license (COL) for a nuclear power facility. The ESP process allows resolution of issues relating to siting. At any time during the duration of an ESP (up to 20 years), the permit holder may reference the permit in a CP or COL application.

The NRC staff has determined that Southern Nuclear Operating Company has submitted information in accordance with 10 CFR Parts 2 and 52 that is sufficiently complete and acceptable for docketing. The Docket No. established for this application is 52-011. The NRC staff will perform a detailed technical review of the application, and docketing of the ESP application does not preclude the NRC from requesting additional information from the applicant as the review proceeds, nor does it predict whether the Commission will grant or deny the application. The Commission will conduct a hearing in accordance with 10 CFR 52.21 and will receive a report on the application from the Advisory Committee on Reactor Safeguards in accordance with 10 CFR 52.23. If the Commission then finds that the application meets the applicable standards of the Atomic Energy Act and the Commission's regulations, and that required notifications to other agencies and bodies have been made, the Commission will issue an ESP, in the form and containing conditions and limitations that the Commission finds appropriate and necessary.

In accordance with 10 CFR Part 51, the Commission will also prepare an environmental impact statement for the proposed action. Pursuant to 10 CFR 51.26, and as part of the environmental scoping process, the staff intends to hold a public scoping meeting. Detailed information regarding this meeting will be included in a future **Federal Register** notice.

Finally, the Commission will announce, in a future **Federal Register** notice, the opportunity to petition for leave to intervene in the hearing required for this application by 10 CFR 52.21.

A copy of the Southern Nuclear Operating Company ESP application is available for public inspection at the Commission's Public Document Room located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland, and at the Burke County Library in Waynesboro, Georgia. It is also accessible electronically from the Agencywide Documents Access and Management System (ADAMS) Public Electronic Reading Room on the Internet at the NRC Web site, <http://www.nrc.gov/reading-rm/adams.html> (ADAMS Accession No. ML062290246). Persons who do not have access to ADAMS, or who encounter problems in accessing the documents located in ADAMS, should contact the NRC Public Document Room staff by telephone at 1-800-397-4209, 301-415-4737 or by e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov).

Dated at Rockville, Maryland this 19th day of September, 2006.

For the Nuclear Regulatory Commission.

**David B. Matthews,**

*Director, Division of New Reactor Licensing,  
Office of Nuclear Reactor Regulation.*

[FR Doc. 06-8221 Filed 9-25-06; 8:45 am]

BILLING CODE 7590-01-P

## NUCLEAR REGULATORY COMMISSION

[Docket Nos. 50-250 and 50-251]

### Florida Power and Light Company; Turkey Point Nuclear Plant, Unit Nos. 3 and 4 Environmental Assessment and Finding of No Significant Impact

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an exemption from Title 10 of the *Code of Federal Regulations* (10 CFR) part 50, Appendix R, Subsection III.G.3, for Facility Operating License Nos. DPR-31 and DPR-41, issued to Florida Power and Light Company (the licensee), for operation of the Turkey Point Nuclear Plant, Units 3 and 4, respectively, located in Miami-Dade

County, approximately 25 miles south of Miami, Florida. Therefore, as required by 10 CFR 51.21, the NRC is issuing this environmental assessment and finding of no significant impact.

### Environmental Assessment

#### Identification of the Proposed Action

The proposed action would exempt the licensee from the requirements of 10 CFR part 50, Appendix R, Subsection III.G.3 for fixed suppression in the Mechanical Equipment Room and for detection and fixed suppression in the subsection of the Control Building that contains the Control Room Roof at the Turkey Point Nuclear Plant.

The proposed action is in accordance with the licensee's application dated December 27, 2004, as supplemented by letters dated May 23, 2005, January 13, 2006, and July 12, 2006.

#### The Need for the Proposed Action

Fire protection features for assuring alternative or dedicated shutdown capability in the event of a fire are addressed in 10 CFR, part 50, Appendix R, Subsection III.G.3, which requires that fire detection and a fixed fire suppression system be installed in the area, room, or zone where equipment or components are relied on for the assured shutdown capability.

The NRC approved the alternate shutdown capability proposed by the licensee for Turkey Point, Units 3 and 4, for compliance with the requirements of III.G.3, in a safety evaluation dated April 16, 1984. The Control Room was one of the areas approved. However, the Mechanical Equipment Room and Control Room Roof, which are identified in the plant fire protection program report as part of the Control Room fire area, were not included. In February 2004, during an NRC triennial fire inspection at Turkey Point, the inspection team reviewed fire protection systems, features, and equipment, and found that all fire zones supporting the alternate safe shutdown function for the Control Room do not provide fire detection and a fixed suppression system in accordance with the requirements of III.G.3, for both Turkey Point units. Specifically, the Mechanical Equipment Room does not have full area detection and fixed suppression. In response to this inspection finding, the licensee declared the detection and suppression inoperable for the Mechanical Equipment Room (and the Control Room Roof, which also fails to provide detection and fixed suppression) and established an hourly fire watch. The licensee proposed to install a fire detection system in the

Mechanical Equipment Room and requested exemption from the requirements for fixed suppression in the Mechanical Equipment Room and for detection and fixed suppression on the Control Room Roof. The proposed action would restore system operability and eliminate the need to institute compensatory measures.

#### Environmental Impacts of the Proposed Action

The NRC has completed its safety evaluation of the proposed action and concludes that, based on the existing fire protection features, the proposed installation of new detection equipment in the Mechanical Equipment Room, low combustible loading, existing administrative controls for combustibles, and availability of nearby suppression equipment, there is reasonable assurance of adequate suppression capability in the affected fire zones. Also, in the event of a fire-induced failure of safety-related equipment resulting in a loss of Control Room heating, ventilation and air conditioning equipment, there is reasonable assurance that there would be adequate time to evacuate the Control Room, if necessary, and shut down the plant from the Alternate Shutdown Panel. Therefore, assurance of alternative or dedicated shutdown capability in the event of a fire is achieved.

The proposed action is contingent upon installation of new area fire detection equipment in the Mechanical Equipment Room, maintaining existing or comparable separation and protection for redundant safe shutdown equipment on the Control Room Roof, the availability of manual fire fighting and associated fire fighting equipment, and maintaining existing or comparable administrative controls for combustibles. The details of the staff's safety evaluation will be provided in the exemption that will be issued as part of the letter to the licensee approving the exemption to the regulation.

The proposed action will not significantly increase the probability or consequences of accidents because the exemption is based on the existing fire barriers at Turkey Point, fire protection measures, availability of nearby suppression equipment, low combustible loading, existing administrative controls for combustibles, and installation of new fire detection equipment in the Mechanical Equipment Room. No new accident precursors are created by the proposed exemption and the consequences of postulated accidents are not increased. No changes are being