

NATIONAL SCIENCE FOUNDATION**Special Emphasis Panel in Cross Disciplinary Activities; 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: Special Emphasis Panel in Cross Disciplinary Activities (1193).

Date & Time: December 15; 8:30 am-5:00 pm.

Place: Room 1060 and 1020, National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230.

Type of Meeting: Closed.

For Further Information Contact: Steve Mahaney, Program Director, CISE/OCDA, National Science Foundation, 4201 Wilson Blvd., Room 1160, Arlington, VA 22230. Telephone: (703) 306-1980.

Purpose of Meeting: To provide advice and recommendations concerning proposals submitted to NSF for financial support.

Agenda: To review and evaluate CISE Research Infrastructure proposals as part of the selection process for awards.

Reason for Closing: The proposals being reviewed include information of a proprietary or confidential nature, including technical information; financial data, such as salaries; and personal information concerning individuals associated with the proposals. These matters are exempt under 5 U.S.C. 552b(c), (4) and (6) of the Government in The Sunshine Act.

Dated: November 21, 1997.

M. Rebecca Winkler,

Committee Management Officer.

[FR Doc. 97-31120 Filed 11-25-97; 8:45 am]

BILLING CODE 7555-01-M

NATIONAL SCIENCE FOUNDATION**Special Emphasis Panel in Mathematical Sciences; 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: Special Emphasis Panel in Mathematical Sciences (1204).

Date and Time: December 13, 1997.

Place: O'Hare Airport Hilton, Chicago, Illinois.

Type of Meeting: Closed.

Contact Meeting: Lloyd Douglas, Infrastructure Program, Program Officer, Room 1025 National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230. Telephone: (703) 306-1874.

Purpose of Meeting: To provide advice and recommendations concerning applications submitted to NSF for financial support.

Agenda: To review and evaluate proposals concerning the Mathematical Sciences

Postdoctoral Research Fellowship Program, as part of the selection processes for awards.

Reason For Closing: The proposals being reviewed include information of a proprietary or confidential nature, including technical information; financial data, such as salaries and personal information concerning individuals associated with the proposals. These matters are exempt under 5 U.S.C. 552b(c) (4) and (6) of the Government in the Sunshine Act.

Dated: November 21, 1997.

M. Rebecca Winkler,

Committee Management Officer.

[FR Doc. 97-31125 Filed 11-25-97; 8:45 am]

BILLING CODE 7555-01-M

NATIONAL SCIENCE FOUNDATION**Special Emphasis Panel in Mathematical Sciences; 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: Special Emphasis Panel in Mathematical Sciences (1204).

Date and Time: December 18 to 20, 1997.

Place: Room 1020 National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230.

Type of Meeting: Closed.

Contact Person: Lloyd Douglas, Infrastructure Program, Program Officer, room 1025 National Science Foundation, 4201 Wilson Boulevard, Arlington VA 22230. Telephone: (703) 306-1874.

Purpose of Meeting: To provide advice and recommendations concerning applications submitted to NSF for financial support.

Agenda: To review and evaluate proposals concerning the Interdisciplinary Grants in the Mathematical Sciences Program, as part of the selection process for awards.

Reason For Closing: The proposals being reviewed include information of a proprietary or confidential nature, including technical information; financial data, such as salaries and personal information concerning individuals associated with the proposals. These matters are exempt under 5 U.S.C. 552b(c) (4) and (6) of the Government in the Sunshine Act.

Dated: November 21, 1997.

M. Rebecca Winkler,

Committee Management Officer.

[FR Doc. 97-31126 Filed 11-25-97; 8:45 am]

BILLING CODE 7555-01-M

NATIONAL SCIENCE FOUNDATION**Special Emphasis Panel in Physics; 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.

Date and Time: Thursday, December 18, 1997; 8:00 a.m. to 5:00 p.m., Room 365.

Place: National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230.

Type of Meeting: Closed.

For Further Information Contact: Dr. Bradley D. Keister, Program Director for Nuclear Physics, National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230. Telephone: (703) 306-1891.

Purpose of Meeting: To provide advice and recommendations concerning proposals submitted to NSF for financial support.

Agenda: To review and evaluate the Nuclear Faculty Early Career Development (CAREER) program proposals as part of the selection process for awards.

Reason for Closing: The proposals being reviewed include information of a proprietary or confidential nature, including technical information; financial data, such as salaries; and personal information concerning individuals associated with the proposals. These matters are exempt under 5 U.S.C. 552b(c) (4) and (6) of the Government in the Sunshine Act.

Dated: November 21, 1997.

M. Rebecca Winkler,

Committee Management Officer.

[FR Doc. 97-31123 Filed 11-25-97; 8:45 am]

BILLING CODE 7555-01-M

NATIONAL SCIENCE FOUNDATION**Advisory Committee for Social, Behavioral, and Economic Sciences; Committee of Visitors; 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: Advisory Committee for Social, Behavioral, and Economic Sciences, Committee of Visitors (1171).

Date and Time: December 11-12 1997; 9:00 a.m. to 5:00 p.m.

Place: Rm. 970, NSF, 4201 Wilson Boulevard, Arlington, VA.

Type of Meeting: Closed.

For Further Information Contact: Dr. Jonathan Leland, Program Director, Decision, Risk and Management Sciences Program National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230. Telephone: (703) 306-1757.

Purpose of Meeting: To carry out Committee of Visitors (COV) review, including examination of decisions on proposals, reviewer comments, and other privileged materials.

Agenda: To provide oversight review of the Decision, Risk and Management Sciences Program.

Reason for Closing: The meeting is closed to the public because the Committee is reviewing proposal actions that will include privileged intellectual property and personal

information that could harm individuals if they are disclosed. If discussions were open to the public, these matters that are exempt under 5 U.S.C. 552b(c) (4) and (6) of the Government in the Sunshine Act would be improperly disclosed.

Dated: November 21, 1997.

M. Rebecca Winkler,

Committee Management Officer.

[FR Doc. 97-31122 Filed 11-25-97; 8:45 am]

BILLING CODE 7555-01-M

NUCLEAR REGULATORY COMMISSION

[Docket No. 50-302]

Florida Power Corporation; Crystal River Nuclear Generating Plant Unit 3; Exemption

I

Florida Power Corporation (the licensee) is the holder of Facility Operating License No. DPR-72, which authorizes operation of the Crystal River Nuclear Generating Plant Unit 3 (CR3). The license provides, among other things, that the licensee is subject to all rules, regulations, and orders of the Commission now or hereafter in effect.

The facility is of a pressurized water reactor type and is located in Citrus County, Florida.

II

In its letter dated September 5, 1997, the licensee requested an exemption from the Commission's regulations.

Title 10 of the *Code of Federal Regulations*, part 50, Appendix A, "General Design Criteria for Nuclear Power Plants," Criterion 3, "Fire Protection," specifies that "Structures, systems, and components important to safety shall be designed and located to minimize, consistent with other safety requirements, the probability and effect of fires and explosions." 10 CFR part 50, Appendix R sets forth the fire protection features required to satisfy certain provisions of General Design Criterion 3 of the Commission's regulations. Pursuant to 10 CFR part 50, Appendix R, Section III, Paragraph O, "Oil Collection System for Reactor Coolant Pump," reactor coolant pumps (RCPs) shall be equipped with an oil collection system which " * * * shall be capable of collecting lube oil from all potential pressurized and unpressurized leakage sites in the reactor coolant pump lube oil systems."

In 1985, CR3 added remote oil addition lines (ROALs) to the original RCP oil fill lines to eliminate the need to shut down the reactor, and to reduce personnel radiation and heat stress

exposure during periodic RCP oil additions. At that time, the licensee did not consider the ROALs to be a part of the RCP lube oil systems and as a result, did not provide a lube oil collection system to collect potential leakages. As part of its current Appendix R design review project, the licensee has now determined the ROALs to be a part of the RCP lube oil systems and therefore, would require a lube oil collection system.

The licensee states that the ROALs are of a rugged leak tight design. They are used only periodically using controlled plant procedures. In a hypothetical worst case spill, with ignition assumed, use of the ROALs does not impact post fire safe shutdown capability. As a result, the licensee believes that a lube oil collection system for the ROALs is not necessary to achieve the underlying purpose of the rule. Exemption from Appendix R, Paragraph O, requirements is required for the ROALs to have no lube oil collection system for collecting oil from potential leak sites.

III

Discussion

The licensee requests an exemption from the technical requirements relating to an oil collection system for the ROALs associated with the RCPs.

CR3 design includes four RCP motors which are located inside the D-Ring area. This area is separated from other fire areas by concrete barriers forming primary containment. Each group of two RCPs is separated from the other group by the reactor vessel and its concrete compartment. The walls of the reactor compartment are four feet thick concrete.

The RCP Motors have an upper oil reservoir for the thrust bearing containing 175 gallons of oil, and a lower bearing oil reservoir containing 15 gallons of oil. Both reservoirs are vented to the containment atmosphere to ensure that they would not be overpressurized during oil addition operations. The upper and lower oil reservoirs have oil fill lines at the motors which are contained by the RCP motor lube oil collection system. In 1985, ROALs were added to the original RCP oil fill lines to eliminate the need to shut down the reactor, and to reduce personnel radiation and heat stress exposure during periodic RCP oil additions. The RCP lube oil collection system provides collection coverage for the original oil fill lines and the ROAL connection at the RCP motor. High and low oil level control room annunciators, and digital local level indications are

provided for both upper and lower lube oil reservoirs.

The ROALs are constructed of 1/2" stainless steel tubing with 3000 psi pressure-rated swagelok unions. The ROALs transition to 1/2" stainless steel flexible metal hose (3000 psi rating) with compression type fittings at the D-Ring penetrations and attachment to each RCP motor reservoir. Connections to the original RCP lube oil fill line are above the maximum oil level of the upper and lower reservoirs. The operating pressure of the ROALs is 30 psig or less.

Inside the RCP D-Ring, the ROALs travel over or along a main steam line, steam generator insulation, and RCP casing before attaching to the original oil fill lines. The main steam line and the steam generator are insulated with stainless steel encapsulated mineral wool. The RCP casing insulation is a non-absorbing mirror-type insulation. Outside the secondary shield wall, the ROALs do not travel over any hot main pipes or steam lines.

A portable oil metering pump skid, two portable tanks, and associated high pressure flexible hoses transport oil to containment during oil transfer operations. Connection of the pump discharges to the permanently mounted ROALs is via high pressure flexible hose with quick disconnect fittings. Each metering pump is provided with a relief valve located adjacent to the pump discharge and arranged to ensure that any oil discharge from the relief valve is captured and contained in a portable tank (suction supply). The oil supply tanks for each of the oil metering pumps meet the requirements of CR3's Administrative Instructions for the use of flammable or combustible liquids inside plant areas.

To minimize the potential for an oil fire due to a leak from the ROALs, the licensee proposes to implement several precautionary procedural actions during and following oil additions. They include requirements for monitoring oil transfers, communications between the control room and local operations personnel, walkdown and inspection of the ROALs and the areas around the oil pumping manifolds, and containment closeout inspection following refueling outages to assure the integrity of the ROALs.

IV

Evaluation

The Commission has completed its evaluation of the licensee's application.

The reactor lube oil collection system is required to prevent a major fire from occurring inside the reactor