

from any collateral fire brigade or control room duties they may need to perform as a result of the fire. Operators required to perform the manual actions shall be qualified and continuously available to perform the actions required to achieve and maintain safe shutdown. A training program on the use of operator manual actions and associated procedures during a postulated fire shall demonstrate that operators can successfully achieve these objectives.

#### 4. Communications

To achieve and maintain safe shutdown, adequate communications capability shall be demonstrated for operator manual actions that must be coordinated with other plant operations, with this communications capability continuously available.

#### 5. Special Equipment

Any special equipment required to support operator manual actions, including keys, self-contained breathing apparatus (SCBA), and personnel protective equipment, shall be readily available, easily accessible and demonstrated to be effective.

#### 6. Procedures

Procedural guidance on the use of required operator manual actions shall be readily available, easily accessible and demonstrated to be effective.

#### 7. Local Accessibility

All locations where operator manual actions are performed shall be assessed as accessible without hazards to personnel, with controls needed to assure availability of any special equipment, such as keys or ladders, being demonstrated.

#### 8. Demonstration

The capability to successfully accomplish required operator manual actions within the time allowable using the required procedures and equipment shall be demonstrated using the same personnel/crews who will be required to perform the actions during the fire; documentation of the demonstration shall be provided.

#### 9. Complexity and Number

The degree of complexity and total number of operator manual actions required to effect safe shutdown shall be limited such that their successful accomplishment under realistically severe conditions is assured for a given fire scenario. The need to perform operator manual actions in different locations shall be considered when sequential actions are required. Analyses of the postulated fire time line

shall demonstrate that there is sufficient time to travel to each action location and perform the action required to support the associated shutdown function(s) such that an unrecoverable condition does not occur.

#### 10. Equipment Pre-Conditions

Possible failure modes and damage that may occur to equipment used during a fire shall be considered to the extent that the equipment's subsequent use could be prevented, or at least made difficult. Credit for using equipment whose operability may have been adversely affected by the fire due to smoke, heat, water, combustion products or spurious actuation effects shall account for such possibilities (e.g., over-torquing an MOV due to a spurious signal, as discussed in Information Notice 92-18).

Dated at Rockville, Maryland, this 20th day of November, 2003.

For The Nuclear Regulatory Commission.

**Catherine Haney,**

*Program Director, Policy and Rulemaking Program, Division of Regulatory Improvement Programs, Office of Nuclear Reactor Regulation.*

[FR Doc. 03-29560 Filed 11-25-03; 8:45 am]

**BILLING CODE 7590-01-P**

### NUCLEAR REGULATORY COMMISSION

#### Regulatory Guide; Issuance, Availability

The Nuclear Regulatory Commission (NRC) has issued a revision of a guide in its Regulatory Guide Series. This series has been developed to describe and make available to the public such information as methods acceptable to the NRC staff for implementing specific parts of the NRC's regulations, techniques used by the staff in its review of applications for permits and licenses, and data needed by the NRC staff in its review of applications for permits and licenses.

Revision 2 of Regulatory Guide 1.53, "Application of the Single-Failure Criterion to Safety Systems," provides guidance on methods acceptable to the NRC staff for satisfying the NRC's regulations with respect to the application of the single-failure criterion to the electrical power, instrumentation, and control portions of nuclear power plant safety systems. This Revision 2 supersedes the recently issued Revision 1, as an incorrect version of the guide was inadvertently issued as Revision 1.

Comments and suggestions in connection with items for inclusion in guides currently being developed or

improvements in all published guides are encouraged at any time. Written comments may be submitted to the Rules and Directives Branch, Division of Administrative Services, Office of Administration, U.S. Nuclear Regulatory Commission, Washington DC 20555. Questions on the content of this guide may be directed to Mr. S.K. Aggarwal, (301) 415-6005; e-mail [ska@nrc.gov](mailto:ska@nrc.gov).

Regulatory guides are available for inspection or downloading at the NRC's Web site at <http://www.nrc.gov> under Regulatory Guides and in NRC's Electronic Reading Room (ADAMS System) at the same site. Single copies of regulatory guides may be obtained free of charge by writing the Reproduction and Distribution Services Section, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by fax to (301) 415-2289, or by e-mail to [distribution@nrc.gov](mailto:distribution@nrc.gov). Issued guides may also be purchased from the National Technical Information Service (NTIS) on a standing order basis. Details on this service may be obtained by writing NTIS at 5285 Port Royal Road, Springfield, VA 22161; telephone 1-800-553-6847; <http://www.ntis.gov>. Regulatory guides are not copyrighted, and Commission approval is not required to reproduce them. (5 U.S.C. 552(a))

Dated at Rockville, MD, this 17th day of November, 2003.

For The Nuclear Regulatory Commission.

**Ashok C. Thadani,**

*Director, Office of Nuclear Regulatory Research.*

[FR Doc. 03-29558 Filed 11-25-03; 8:45 am]

**BILLING CODE 7590-01-P**

### NUCLEAR REGULATORY COMMISSION

#### Availability and Solicitation of Public Comments on Interagency Steering Committee on Radiation Standards' Reports on Radioactivity in Sewage Sludge and Ash

**AGENCIES:** U.S. Nuclear Regulatory Commission and U.S. Environmental Protection Agency.

**ACTION:** Announce the issuance of three reports concerning radioactivity in sewage sludge and ash, and request public comments.

**SUMMARY:** This Federal Register notice announces the availability of three reports, prepared by the Sewage Sludge Subcommittee of the Interagency Steering Committee on Radiation Standards (ISCORS), addressing radioactivity in sewage sludge and ash. The first report, "ISCORS Assessment of

Radioactivity in Sewage Sludge: Radiological Survey Results and Analysis," summarizes the information on radioactivity found in samples of sewage sludge and ash from 313 publicly owned treatment works (POTWs). This report is being issued as a final document, since it only presents data that has already been collected. The second report, "ISCORS Assessment of Radioactivity in Sewage Sludge: Modeling to Assess Radiation Doses," assesses the potential levels of radiation doses to people by modeling the transport of radioactivity from sludge into the local environment. The report also provides a complete description and justification of the dose assessment methodology. The third report, "ISCORS Assessment of Radioactivity in Sewage Sludge: Recommendations on Management of Radioactive Materials in Sewage Sludge and Ash at Publicly Owned Treatment Works," recommends further actions that may be taken by a POTW operator when elevated levels of radionuclides are detected.

The purpose of ISCORS is to foster early resolution and coordination of regulatory issues associated with radiation standards. Agencies represented on ISCORS include the U.S. Nuclear Regulatory Commission (NRC), the U.S. Environmental Protection Agency (EPA), the U.S. Department of Energy, the U.S. Department of Defense, the U.S. Department of Transportation, the Occupational Safety and Health Administration of the U.S. Department of Labor, and the U.S. Department of Health and Human Services. The Office of Science and Technology Policy, the Office of Management and Budget, and State representatives may be observers at meetings. The objectives of ISCORS are to: (1) Facilitate a consensus on allowable levels of radiation risk to the public and workers; (2) promote consistent and scientifically sound risk assessment and risk management approaches in setting and implementing standards for occupational and public protection from ionizing radiation; (3) promote completeness and coherence of Federal standards for radiation protection; and (4) identify interagency radiation protection issues and coordinate their resolution.

There have been a number of well-publicized cases of radionuclides discovered in sewage sludge and ash, and some of these have led to expensive cleanup projects. These incidents made clear the need for a comprehensive determination of the prevalence of radionuclides at publicly owned treatment works sewage sludge and ash around the country, and the level of

potential threat posed to human health and the environment by various levels of such materials.

In response to this need, ISCORS formed a Sewage Sludge Subcommittee (SSS) to coordinate, evaluate, and resolve issues regarding radioactive materials in sewage sludge and ash. To estimate the amounts of radionuclides that actually occur in sewage sludge and ash, ISCORS' SSS performed a survey of radioactivity in sludge and ash across the United States. The final report is entitled, "ISCORS Assessment of Radioactivity in Sewage Sludge: Radiological Survey Results and Analysis," and is available on the ISCORS Web site at <http://www.iscorg.org>.

Concurrently, the Dose Modeling Workgroup of the SSS undertook a dose assessment to help assess the potential threat that these materials may pose to human health. The draft report that we are making available for public comment today, "ISCORS Assessment of Radioactivity in Sewage Sludge: Modeling to Assess Radiation Doses," describes the methodology and results of the dose modeling effort. The general approach used in the report is a standard one that consists essentially of two steps. First, seven general, fairly generic scenarios (and some sub-scenarios) are constructed to represent typical situations in which members of the public of POTW workers are likely to be exposed to sludge. The selection of radionuclides for consideration was based on the results of the ISCORS survey of sewage sludge and ash at various POTWs, and includes manmade and naturally-occurring isotopes. Second, assuming a unit specific activity of a radionuclide in dry sludge, a widely accepted multi-pathway environmental transport model (the RESRAD family of codes) is employed to obtain sludge concentration-to-dose conversion factors.

A third and final document, "ISCORS Assessment of Radioactivity in Sewage Sludge: Recommendations on Management of Radioactive Materials in Sewage Sludge and Ash at Publicly Owned Treatment Works," is also being issued for public comment today. This document is for use by POTW operators in evaluating whether the presence of radioactive materials in sewage sludge could pose a threat to the health and safety of POTW workers or the general public. ISCORS concludes that the levels of radioactive materials detected in sewage sludge and ash in the ISCORS survey indicate that, at most POTWs, radiation exposure to workers or to the general public is not likely to be a concern.

Comments on either, "ISCORS Assessment of Radioactivity in Sewage Sludge: Modeling to Assess Radiation Doses," or "ISCORS Assessment of Radioactivity in Sewage Sludge: Recommendations on Management of Radioactive Materials in Sewage Sludge and Ash at Publicly Owned Treatment Works," should be sent to the EPA contact listed below by February 6, 2004.

Robert Bastian, U.S. Environmental Protection Agency—4204M, 1200 Pennsylvania Avenue, NW., Washington, DC 20460, Telephone: 202-564-0653, e-mail: [bastian.robert@epa.gov](mailto:bastian.robert@epa.gov).

Hard copies can also be obtained by calling or writing to Carol Walls, U.S. Nuclear Regulatory Commission, NMSS/DWM/EPAB, M.S. T-7J8, Washington, DC 20555-0001, 301-415-8028, or [caw@nrc.gov](mailto:caw@nrc.gov).

**FOR FURTHER INFORMATION CONTACT:** James Kennedy, U.S. Nuclear Regulatory Commission, NMSS/DWM, M.S. T-7J8, Washington, DC 20555, telephone 301-415-6668, fax 301-415-5397, e-mail [jek1@nrc.gov](mailto:jek1@nrc.gov).

Dated at Rockville, Maryland, this 20th day of November, 2003.

For The U.S. Nuclear Regulatory Commission.

**John T. Greeves,**

*Director, Division of Waste Management, Office of Nuclear Material Safety and Safeguards.*

[FR Doc. 03-29559 Filed 11-25-03; 8:45 am]

**BILLING CODE 7590-01-P**

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## PRESIDIO TRUST

### Notice of Public Meeting

**AGENCY:** The Presidio Trust.

**ACTION:** Notice of public meeting.

**SUMMARY:** In accordance with section 103(c)(6) of the Presidio Trust Act, 16 U.S.C. 460bb note, Title I of Pub. L. 104-333, 110 Stat. 4097, and in accordance with the Presidio Trust's bylaws, notice is hereby given that a public meeting of the Presidio Trust Board of Directors will be held commencing 6:30 p.m. on Wednesday, December 10, 2003, at the Officers' Club, 50 Moraga Avenue, Presidio of San Francisco, California. The Presidio Trust was created by Congress in 1996 to manage approximately eighty percent of the former U.S. Army base known as the Presidio, in San Francisco, California.

The purposes of this meeting are to: (1) Take action on the minutes of previous Board meetings; (2) provide the Executive Director's general status