

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of )  
ALL 10 C.F.R. PART 72 LICENSEES ) Docket Nos. (as shown in Attachment 1)  
WHO CURRENTLY STORE OR HAVE ) EA-02-104  
NEAR TERM PLANS TO STORE )  
SPENT FUEL IN AN ISFSI UNDER )  
THE SPECIFIC LICENSE PROVISIONS )  
OF 10 C.F.R. PART 72 )  
)

**ORDER MODIFYING LICENSES  
(EFFECTIVE IMMEDIATELY)**

I.

The licensees identified in Attachment 1 to this Order have been issued a specific license by the U.S. Nuclear Regulatory Commission (NRC or the Commission) authorizing storage of spent fuel in an independent spent fuel storage installation (ISFSI) in accordance with the Atomic Energy Act of 1954, and 10 C.F.R. Part 72. This Order is being issued to all licensees who currently store spent fuel or have identified near term plans to store spent fuel in an ISFSI under the specific license provisions of 10 C.F.R. Part 72. Commission regulations at 10 C.F.R. § 72.184(b) require these licensees to maintain safeguards contingency plan procedures in accordance with 10 C.F.R. Part 73, Appendix C. Specific safeguards requirements are contained in 10 C.F.R. § 73.51 or 73.55, as applicable.

II.

On September 11, 2001, terrorists simultaneously attacked targets in New York, N.Y., and Washington, D.C., utilizing large commercial aircraft as weapons. In response to the attacks and intelligence information subsequently obtained, the Commission issued a number of Safeguards and Threat Advisories to its licensees in order to strengthen licensees' capabilities and readiness to respond to a potential attack on a nuclear facility. The Commission has also communicated with other Federal, State, and local government agencies and industry representatives to discuss and evaluate the current threat environment in order to assess the adequacy of security measures at licensed facilities. In addition, the Commission has been conducting a comprehensive review of its safeguards and security programs and requirements.

As a result of its consideration of current safeguards and security plan requirements, as well as a review of information provided by the intelligence community, the Commission has determined that certain compensatory measures are required to be implemented by licensees as prudent, interim measures, to address the current threat environment in a consistent manner throughout the nuclear ISFSI community. Therefore, the Commission is imposing requirements, as set forth in Attachment 2<sup>1</sup> of this Order, on all licensees who currently store spent fuel or have identified near term plans to store spent fuel in an ISFSI under the specific license provisions of 10 C.F.R. Part 72. These interim requirements, which supplement existing regulatory requirements, will provide the Commission with reasonable assurance that the public health and safety and common defense and security continue to be adequately protected in the current threat environment. These requirements will remain in effect pending notification from

---

<sup>1</sup> Attachment 2 contains SAFEGUARDS information and will not be released to the public.

the Commission that a significant change in the threat environment has occurred, or the Commission determines that other changes are needed.

The Commission recognizes that licensees may have already initiated many of the measures set forth in Attachment 2 to this Order in response to previously issued advisories or on their own. It is also recognized that some measures may not be possible or necessary at some sites, or may need to be tailored to accommodate the specific circumstances existing at the licensee's facility to achieve the intended objectives and avoid any unforeseen effect on the safe storage of spent fuel.

Although the additional security measures implemented by the licensees in response to the Safeguards and Threat Advisories have been adequate to provide reasonable assurance of adequate protection of public health and safety, the Commission concludes that the security measures must be embodied in an Order, consistent with the established regulatory framework. In order to provide assurance that licensees are implementing prudent measures to achieve a consistent level of protection to address the current threat environment, all specific licenses issued pursuant to 10 C.F.R. § 72.40 to the licensees identified in Attachment 1 to this Order shall be modified to include the requirements identified in Attachment 2 to this Order. In addition, pursuant to 10 C.F.R. § 2.202, I find that in the circumstances described above, the public health, safety and interest require that this Order be effective immediately.

III.

Accordingly, pursuant to Sections 53, 161b, 161i, 161o, 182 and 186 of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 C.F.R. § 2.202 and 10 C.F.R. Parts 72 and 73, IT IS HEREBY ORDERED, **EFFECTIVE IMMEDIATELY**, THAT ALL SPECIFIC LICENSES IDENTIFIED IN ATTACHMENT 1 TO THIS ORDER ARE MODIFIED AS FOLLOWS:

- A. All licensees shall, notwithstanding the provisions of any Commission regulation or license to the contrary, comply with the requirements described in Attachment 2 to this Order except to the extent that a more stringent requirement is set forth in the licensee's security plan. The licensees shall immediately start implementation of the requirements in Attachment 2 to the Order and shall complete implementation by **April 16, 2003**, or the first day that spent fuel is initially placed in the ISFSI, whichever is later.
- B. 1. All licensees shall, within **twenty (20) days** of the date of this Order, notify the Commission, (1) if they are unable to comply with any of the requirements described in Attachment 2, (2) if compliance with any of the requirements is unnecessary in their specific circumstances, or (3) if implementation of any of the requirements would cause the licensee to be in violation of the provisions of any Commission regulation or the facility license. The notification shall provide the licensees' justification for seeking relief from or variation of any specific requirement.  
2. Any licensee that considers that implementation of any of the requirements described in Attachment 2 to this Order would adversely impact the safe storage of spent fuel must notify the Commission, within **twenty (20) days** of this Order,

of the adverse safety impact, the basis for its determination that the requirement has an adverse safety impact, and either a proposal for achieving the same objectives specified in the Attachment 2 requirement in question, or a schedule for modifying the facility to address the adverse safety condition. If neither approach is appropriate, the licensee must supplement its response to Condition B.1 of this Order to identify the condition as a requirement with which it cannot comply, with attendant justifications as required in Condition B.1.

- C.     1. All licensees shall, within **twenty (20) days** of the date of this Order, submit to the Commission, a schedule for achieving compliance with each requirement described in Attachment 2.
  - 2. All licensees shall report to the Commission when they have achieved full compliance with the requirements described in Attachment 2.
- D. Notwithstanding the provisions of 10 C.F.R. § 72.186, all measures implemented or actions taken in response to this Order shall be maintained pending notification from the Commission that a significant change in the threat environment has occurred, or the Commission determines that other changes are needed.

Licensee responses to Conditions B.1, B.2, C.1, and C.2, above shall be submitted in accordance with 10 C.F.R. § 72.4. In addition, licensee submittals that contain Safeguards Information shall be properly marked and handled in accordance with 10 C.F.R. § 73.21.

The Director, Office of Nuclear Material Safety and Safeguards may, in writing, relax or rescind any of the above conditions upon demonstration by the licensee of good cause.

IV.

In accordance with 10 C.F.R. § 2.202, the licensee must, and any other person adversely affected by this Order may, submit an answer to this Order, and may request a hearing on this Order, within twenty (20) days of the date of this Order. Where good cause is shown, consideration will be given to extending the time to request a hearing. A request for extension of time in which to submit an answer or request a hearing must be made in writing to the Director, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and include a statement of good cause for the extension. The answer may consent to this Order. Unless the answer consents to this Order, the answer shall, in writing and under oath or affirmation, specifically set forth the matters of fact and law on which the licensee or other person adversely affected relies and the reasons as to why the Order should not have been issued. Any answer or request for a hearing shall be submitted to the Secretary, Office of the Secretary of the Commission, U.S. Nuclear Regulatory Commission, ATTN: Rulemakings and Adjudications Staff, Washington, DC 20555. Copies also shall be sent to the Director, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555, to the Assistant General Counsel for Materials Litigation and Enforcement at the same address; to the Regional Administrator for NRC Region I, II, III, or IV, as appropriate for the specific facility; and to the licensee if the answer or hearing request is by a person other than the licensee. Because of potential disruptions in delivery of mail to United States Government offices, it is requested that answers and requests for hearing be transmitted to the Secretary of the Commission either by means of facsimile transmission to 301-415-1101 or by e-mail to [hearingdocket@nrc.gov](mailto:hearingdocket@nrc.gov) and also to the Office of the General Counsel either by means of facsimile transmission to 301-415-3725 or by e-mail to [OGCMailCenter@nrc.gov](mailto:OGCMailCenter@nrc.gov). If a person other than the licensee requests a hearing, that

person shall set forth with particularity the manner in which his interest is adversely affected by this Order and shall address the criteria set forth in 10 C.F.R. § 2.714(d).<sup>2</sup>

If a hearing is requested by the licensee or a person whose interest is adversely affected, the Commission will issue an Order designating the time and place of any hearing. If a hearing is held, the issue to be considered at such hearing shall be whether this Order should be sustained.

Pursuant to 10 C.F.R. § 2.202(c)(2)(i), the licensee may, in addition to demanding a hearing, at the time the answer is filed or sooner, move the presiding officer to set aside the immediate effectiveness of the Order on the ground that the Order, including the need for immediate effectiveness, is not based on adequate evidence but on mere suspicion, unfounded allegations, or error.

---

<sup>2</sup>The most recent version of Title 10 of the Code of Federal Regulations, published January 1, 2002, inadvertently omitted the last sentence of 10 CFR 2.714 (d) and paragraphs (d)(1) and (d)(2) regarding petitions to intervene and contentions. For the complete, corrected text of 10 CFR 2.714 (d), please see 67 FR 20884; April 29, 2002.

In the absence of any request for hearing, or written approval of an extension of time in which to request a hearing, the provisions specified in Section III above shall be final twenty (20) days from the date of this Order without further order or proceedings. If an extension of time for requesting a hearing has been approved, the provisions specified in Section III shall be final when the extension expires if a hearing request has not been received. AN ANSWER OR A REQUEST FOR HEARING SHALL NOT STAY THE IMMEDIATE EFFECTIVENESS OF THIS ORDER.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Margaret V. Federline, Deputy Director  
Office of Nuclear Material Safety  
and Safeguards

Dated this 16<sup>th</sup> day of October 2002.

## **Attachment 1**

### **Address List**

Steve Redeker  
Manager, Plant Closure &  
Decommissioning  
Rancho Seco  
Docket No. 72-11  
Sacramento Municipal Utility District  
14440 Twin Cities Road  
Herald, CA 95638

Stephen M. Quennoz  
Vice President Power Supply/Generation  
Trojan Nuclear Plant  
Docket No. 72-17  
Portland General Electric Company  
121 South West Salmon Street  
Portland, OR 97204

Mr. Warren Bergholz  
Acting Manager  
Idaho Operations Office  
Docket Nos. 72-9 and 72-20  
US Department of Energy  
850 Energy Drive  
Idaho Falls, ID 83401

Michael B. Sellman  
President and CEO  
Prairie Island Nuclear Generating Plant  
Docket No. 72-10  
Nuclear Management Company, LLC  
700 First Street  
Hudson, WI 54016

Charles Cruse  
Vice President - Nuclear Energy  
Calvert Cliffs Nuclear Power Plant  
Docket No. 72-8  
Constellation Energy Group, Inc.  
1650 Calvert Cliffs Pkwy  
Office 2-OTF  
Lusby, MD 20657

David Christian  
Sr. Vice President Nuclear and  
Chief Nuclear Officer  
North Anna Power Station  
Docket No. 72-16  
Virginia Electric & Power Company  
5000 Dominion Blvd.  
Glen Allen, VA 23060-6711

David Christian  
Sr. Vice President Nuclear and  
Chief Nuclear Officer  
Surry Power Station  
Docket No. 72-2  
Virginia Electric & Power Company  
5000 Dominion Blvd.  
Glen Allen, VA 23060-7611

C. S. (Scotty) Hinnant  
Senior Vice President and Chief Nuclear  
Officer  
H. B. Robinson Steam Electric Plant  
Docket No. 72-3  
Progress Energy, Inc.  
410 South Wilmington St.  
Raleigh, NC 27601

Michael S. Tuckman  
Executive Vice President Nuclear  
Generation  
Oconee Nuclear Station  
Docket No. 72-4  
Duke Energy Corporation  
526 South Church St  
Mail Code EC 07 H  
Charlotte NC 28242