

**NUCLEAR REGULATORY
COMMISSION**

[Docket Nos: (Redacted), License Nos:
(Redacted), EA-XX-XXX (Redacted)]

**In the Matter of All Panoramic and
Underwater Irradiators Authorized to
Possess Greater than 370
TerraBecquerels (10,000 Curies) of
Byproduct Material in the Form of
Sealed Sources; Order Imposing
Compensatory Measures (Effective
Immediately)**

I

The Licensees identified in Attachment 1 to this Order hold licenses issued in accordance with the Atomic Energy Act of 1954 and 10 CFR part 36 or comparable Agreement State regulations by the U.S. Nuclear Regulatory Commission (NRC or Commission) or an Agreement State authorizing possession of greater than 370 TerraBecquerels (TBq) [10,000 curies (Ci)] of byproduct material in the form of sealed sources either in panoramic irradiators that have dry or wet storage of the sealed sources or in underwater irradiators in which both the source and the product being irradiated are under water. Commission regulations at 10 CFR 20.1801 or equivalent Agreement State regulations, require Licensees to secure, from unauthorized removal or access, licensed materials that are stored in controlled or unrestricted areas. Commission regulations at 10 CFR 20.1802 or equivalent Agreement States regulations, require Licensees to control and maintain constant surveillance of licensed material that is in a controlled or unrestricted area and that is not in storage.

II

On September 11, 2001, terrorists simultaneously attacked targets in New York, NY, and Washington, DC, 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 review of its safeguards

and security programs and requirements.

As a result of its consideration of current safeguards and license 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, measures to address the current threat environment. Therefore, the Commission is imposing the requirements, as set forth in Attachment 2 on all Licensees identified in Attachment 1 of this Order¹ who currently possess, or have near term plans to possess, greater than 370 TBq (10,000 Ci) of byproduct material in the form of sealed sources. These 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 until the Commission determines otherwise.

The Commission recognizes that Licensees may have already initiated many 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 Licensees' specific circumstances to achieve the intended objectives and avoid any unforeseen effect on the safe use and storage of the sealed sources.

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. The security measures contained in Attachment 2 of this Order contain safeguards information and will not be released to the public. The Commission has broad statutory authority to protect and prohibit the unauthorized disclosure of safeguards information. Section 147 of the Atomic Energy Act of 1954, as amended, grants the Commission explicit authority to "issue such orders, as necessary to prohibit the

¹ Attachment 1 contains OFFICIAL USE ONLY sensitive information and Attachment 2 contains SAFEGUARDS INFORMATION and will not be released to the public.

unauthorized disclosure of safeguards information * * *." This authority extends to information concerning special nuclear material, source material, and byproduct material, as well as production and utilization facilities. Licensees must ensure proper handling and protection of safeguards information to avoid unauthorized disclosure in accordance with the specific requirements for the protection of safeguards information contained in Attachment 3. The Commission hereby provides notice that it intends to treat all violations of the requirements contained in Attachment 3, applicable to the handling and unauthorized disclosure of safeguards information as serious breaches of adequate protection of the public health and safety and the common defense and security of the United States. Access to safeguards information is limited to those persons who have established the need to know the information, and are considered to be trustworthy and reliable. A need to know means a determination by a person having responsibility for protecting Safeguards Information that a proposed recipient's access to Safeguards Information is necessary in the performance of official, contractual, or licensee duties of employment. Licensees must ensure that they develop, maintain and implement strict policies and procedures for the proper handling and unauthorized disclosure of safeguards information in accordance with the requirements in Attachment 3. All licensees must ensure that all contractors whose employees may have access to safeguards information either adhere to the licensee's policies and procedures on safeguards information or develop, maintain and implement their own acceptable policies and procedures, but the licensees remain responsible for the conduct of their contractors. The policies and procedures necessary to ensure compliance with applicable requirements contained in Attachment 3 must address, at a minimum, the following: the general performance requirement that each person who produces, receives, or acquires Safeguards Information shall ensure that Safeguards Information is protected against unauthorized disclosure; protection of safeguards information at fixed sites, in use and in storage, and while in transit; inspections, audits and evaluations; correspondence containing safeguards information; access to safeguards information; preparation, marking, reproduction and destruction of documents; external transmission of documents; use of automatic data