

IN RESPONSE, PLEASE
REFER TO: M090423

May 20, 2009

MEMORANDUM TO: R. W. Borchardt
Executive Director for Operations

FROM: Annette Vietti-Cook, Secretary **/RA/**

SUBJECT: STAFF REQUIREMENTS MEMORANDUM - BRIEFING ON
RADIOACTIVE SOURCE SECURITY, 2:00 P.M., THURSDAY,
APRIL 23, 2009, COMMISSIONERS' CONFERENCE ROOM,
ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN
TO PUBLIC ATTENDANCE)

The Commission was briefed by NRC staff on the accomplishments, challenges, and vision for the future integration of source management and protection into NRC, Agreement State, and licensee radioactive source security programs. A representative from the Organization of Agreement States briefed the Commission on implementation of increased controls, various working groups, and challenges with the National Source Tracking System (NSTS) credentialing process. Representatives from two states and a manufacturer and distributor briefed the Commission on their experience with the NSTS, including the credentialing process.

As a follow-up to the meeting, the staff should:

- Remain aware of what other countries are doing regarding security requirements for blood irradiators, including lessons learned, and make a recommendation to the Commission on what, if anything, should be incorporated into NRC's Radioactive Materials Program.
- Provide the Commission an update on implementation of the Materials Program Working Group's recommendations and identify the mechanism the staff will use to monitor progress.
- Look for ways to encourage States and licensees to complete their credentialing for NSTS and to use the system electronically, including re-examining the need to establish a regulatory requirement, and provide recommendations to the Commission.
- Consider additional public outreach meetings with licensees, including industrial radiography licensees, now that NSTS is up and running to determine their

needs and the challenges they face in using NSTS electronically.

- Report back to the Commission in one year and after the next round of increased control inspections are completed, on the operating experience and what percent of licensees are in compliance with NSTS reporting requirements.
- Along with providing a recommendation on whether additional action is needed to ensure Agreement State license data is available and updated in the Web-Based Licensing (WBL) System, using the guidance from the SRM from last year's meeting on materials security, SRM-M080430A, develop a plan on how WBL will be implemented, taking into consideration the number of States that utilize a paper system or do not have a comprehensive electronic system.
- For future maintenance releases of NSTS, consider a plan to encourage electronic use of the system including but not limited to tiered access based on security of licensees' systems and a more flexible batch upload capability to allow additional licensees to conduct direct "data dump" without manual intervention, as well as the inclusion of scripting, and automatic e-mail notification of discrepancies.
- Consider establishing a formal Frequently Asked Question (FAQ) process where licensees and NSTS users could submit questions and have the questions and answers posted on the FAQ page for NSTS on the public website and add a question and answer to address the process for a licensee that has multiple licenses to be able to consolidate all of them onto a single credential.

cc: Chairman Jaczko
Commissioner Lyons
Commissioner Klein
Commissioner Svinicki
OGC
CFO
OCA
OIG
OPA
Office Directors, Regions, ACRS, ASLBP (via E-Mail)
PDR