U.S. NRC Regulatory Initiatives in Enhancing Accountability of Radioactive Material: U.S. National Source Tracking System

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Overview
- NRC uses a risk-informed, graded approach to enhance safety and security
- The security and control of radioactive sources has been significantly enhanced
- Integrated and comprehensive program in place for management and control of radioactive sources
- Continuing to work closely with domestic and international partners to improve

Background
- International/Domestic commitments
- Stakeholder coordination
- System deployed December 2008
- Regulations in 10 CFR 20.2207

Agenda
1. Overview/Background
2. Credentialing Process for Access to NSTS
3. Experience with NSTS
4. Potential Expansion of the System
5. System Illustration
6. User Feedback/Questions
**What is NSTS?**

NSTS Overview

- Reporting by approximately 1,300 licensees with over 50,000 sources
- Source Transaction Reporting
  - Manufacture, import, export, transfer, receipt, disassembly, disposal
- User training
- System easy to use

**Integrated Source Management**

NSTS Security

- High level of system security
- NRC is a pioneer agency
- Access requirements
- Access controls
**Credentialing Process for Access to NSTS**

**Step 1**
- Applicant enrolls online
  - http://pki.nrc.gov

**Step 2**
- Online application is reviewed and approved

**Step 3**
- A paper identity proofing packet is mailed to the applicant

**Step 4**
- The paper packet is completed by the applicant, notarized, and mailed back

**Step 5**
- Reader is installed and used to download the applicant's certificate to the smart card

**Step 6**
- A smart card and reader are mailed to the applicant

**Note:** Entire process is expected to take less than 30 days with prompt applicant responses

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**Where We Are Today**

- Reconciling data
- Increasing online usage

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**Upcoming Activities**

- 2011
  - Version 2
  - Renew Certificates
  - NSTS Software Enhancements
  - Annual Inventory Reconciliation

- 2009
  - Enhance Communication & Outreach
    - Revision of NSTS Website, Updating 748 Form, NSTS Newsletter, Additional Training

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**NSTS Expansion**

1. April 11, 2008: Proposed rule published for public comment to expand NSTS to 1/10 of Category 3
2. June 10, 2009: Final rule provided to Commission to expand NSTS to Category 3
3. June 30, 2009: Commission was unable to reach a decision => no expansion at this time
Main Menu options vary depending on the user type.

Filters allow for quick search of sources in own inventory.

Choose source to transfer.
Red asterisks indicate required field.

Receiving licensee clicks on "receive sources" link on its profile to accept the transfer.
Comments & Suggestions

NSTS Website:
http://www.nrc.gov/security/byproduct/nsts.html

NSTS Help Desk:
NSTS.Help@nrc.gov
1-877-671-6787