

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

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Agenda

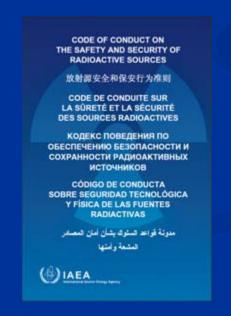
- 1. Overview/Background
- 2. Credentialing Process for Access to NSTS
- 3. Experience with NSTS
- 4. Potential Expansion of the System
- 5. System Illustration
- 6. User Feedback/Questions

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

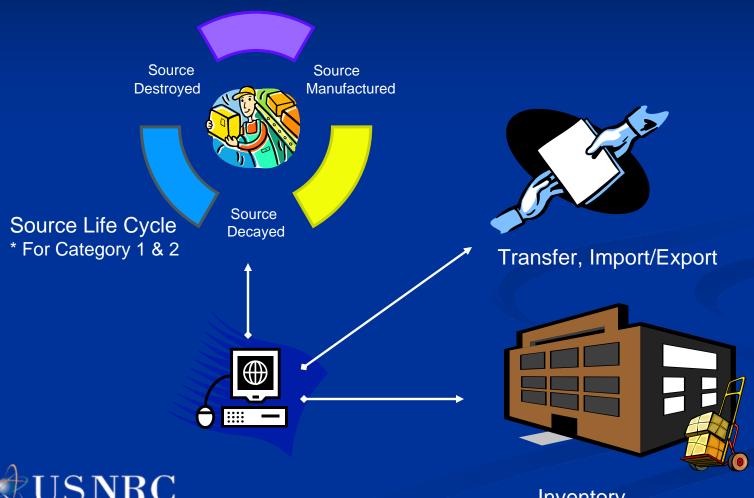
Background

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





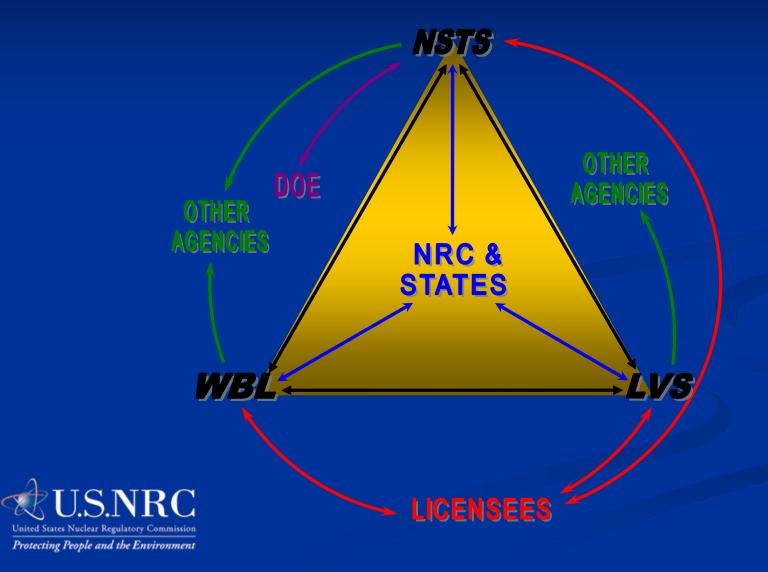
What is NSTS?





Inventory

Integrated Source Management



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





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 5
The paper packet and online application are reviewed, anomalies are resolved with the applicant, employment is verified and the enrollment is approved

Step 4

The paper packet is completed by the applicant, notarized, and mailed back

Step 6

A smart card and reader are mailed to the applicant



Step 7

Reader is installed and used to download the applicant's certificate to the smart card



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

Where We Are Today

- Reconciling data
- Increasing online usage





Revision of NSTS Website, Updating 748 Form, NSTS Newsletter, Additional Training

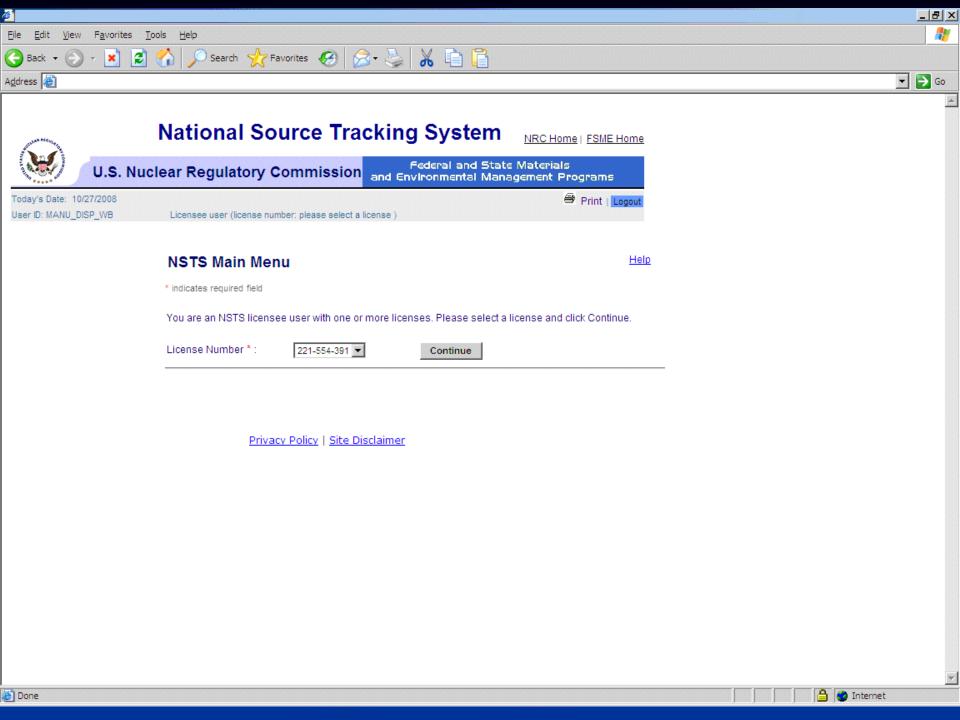
NSTS Expansion

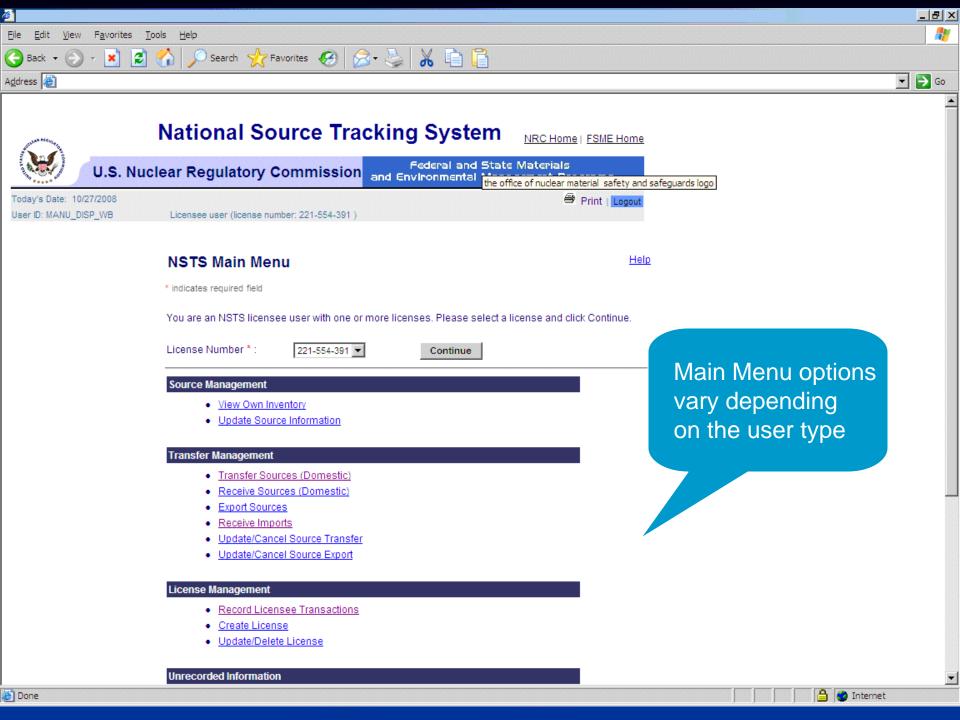
- April 11, 2008: Proposed rule published for public comment to expand NSTS to 1/10 of Category 3
- June 10, 2009: Final rule provided to Commission to expand NSTS to Category 3
- 3. June 30, 2009: Commission was unable to reach a decision => **no expansion at this time**

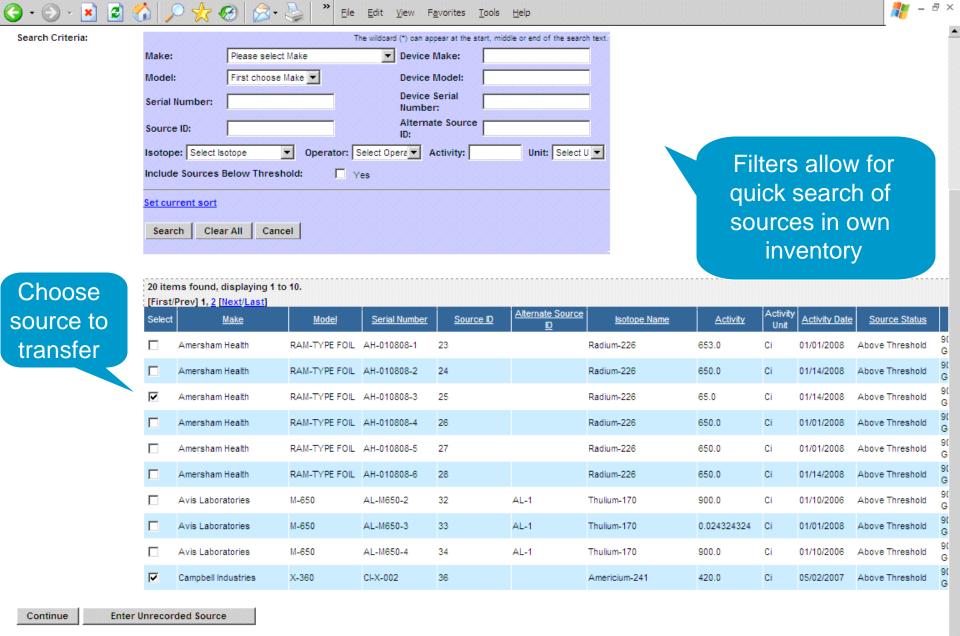


National Source Tracking System Illustration











National Source Tracking System

NRC Home | FSME Home

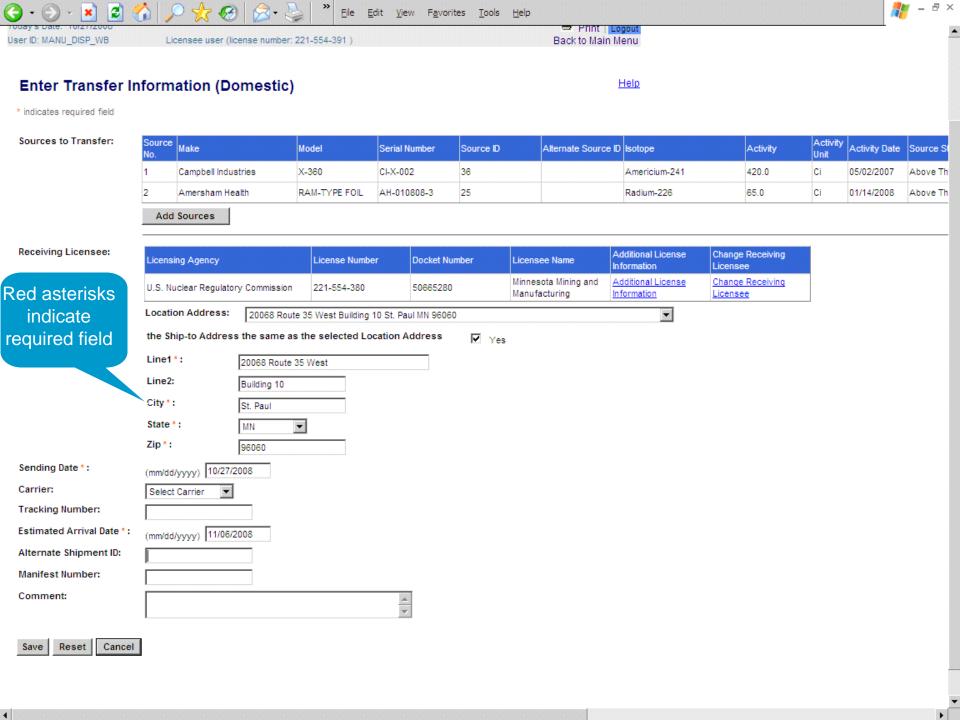


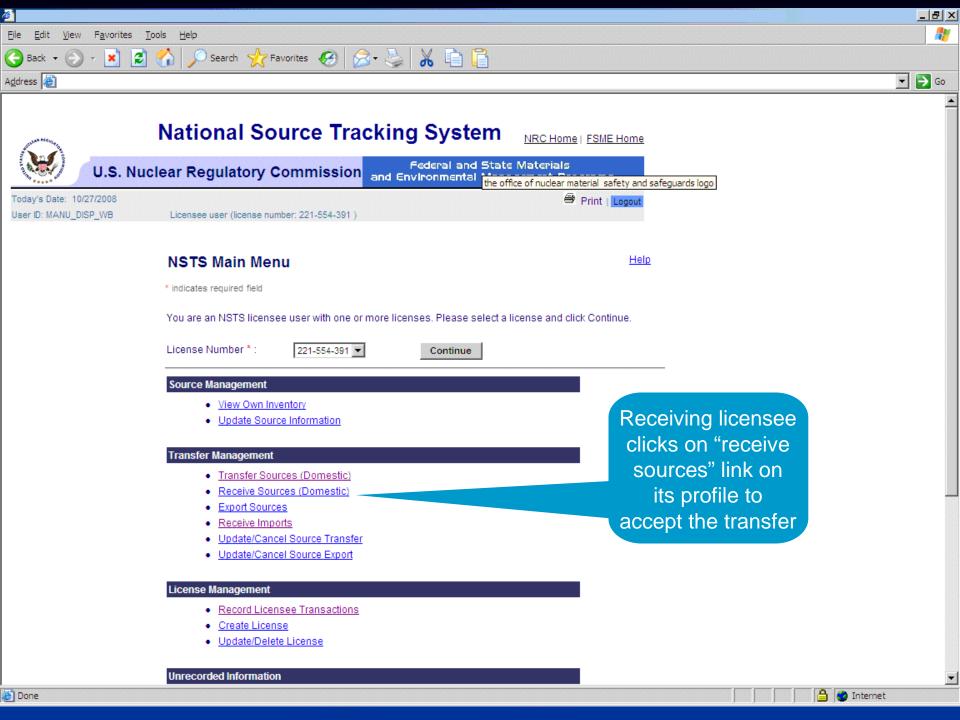
Search and Choose Receiving Licensee

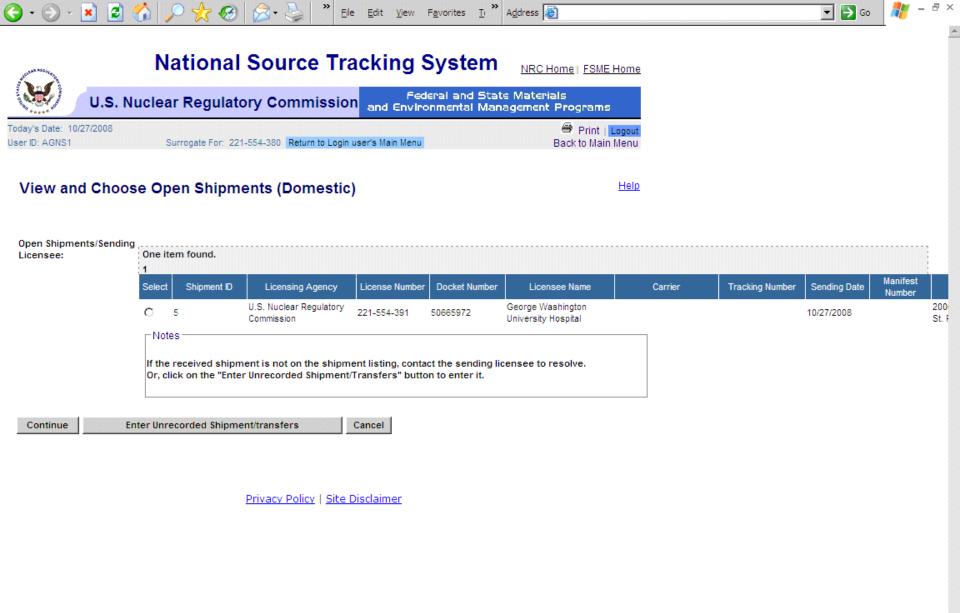
<u>Help</u>



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Comments & Suggestions

NSTS Website:

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

NSTS Help Desk:

NSTS.Help@nrc.gov

1-877-671-6787
U.S.NRC
United States Nuclear Regulatory Commission

Protecting People and the Environment



Questions



