

#### U.S. National Source Tracking System (NSTS) Update February 9, 2011

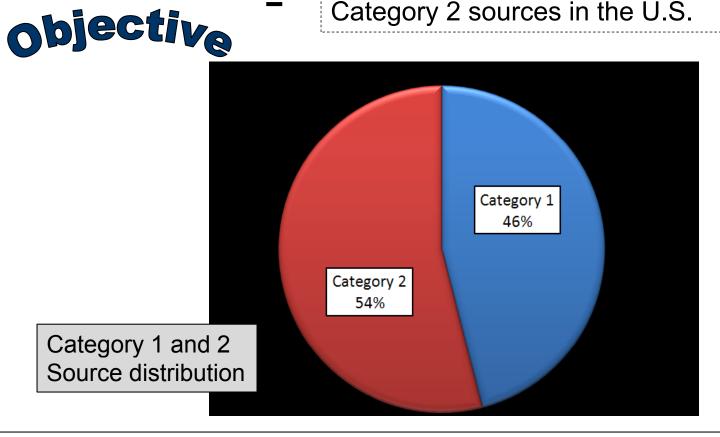
Ernesto Quinones
U.S. Nuclear Regulatory Commission

### Overview

# NSTS

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Up-to-date accounting of all Category 1 and Category 2 sources in the U.S.

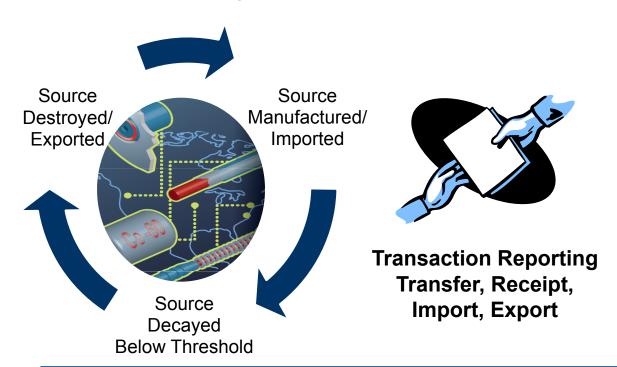






#### What is NSTS?

#### **Source Life Cycle**



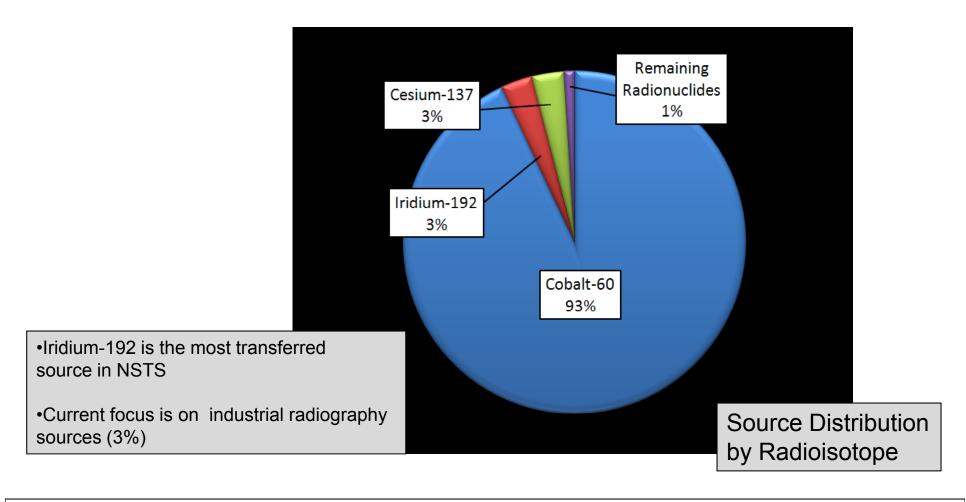


The relevant regulations that discuss the NSTS are found in 10 CFR § 20.2207 and state that each licensee who manufactures, transfers, receives, disassembles, or disposes of a nationally tracked source must complete and submit a National Source Tracking Transaction Report.





# Where We Are Today







#### Focus on NSTS To-Date

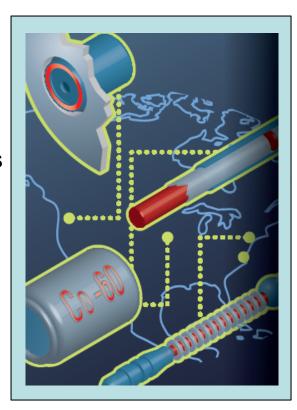
- Extensive outreach efforts to encourage online usage
- •Highest volume licensees reporting through electronic means
- Extensive effort to ensure data integrity
- Credentialed more than 1,000 users
- Licensees confirmed their source inventories for the second time
- Several Maintenance Releases deployed





# **NSTS** Reporting Issues

- Failure to report transactions
- Inaccurate reporting of import/export transactions
- •Reporting transactions for work at temporary job sites
- •Reporting multiple sources as a single source
- Reporting transactions of below threshold sources
- Decay calculation discrepancies

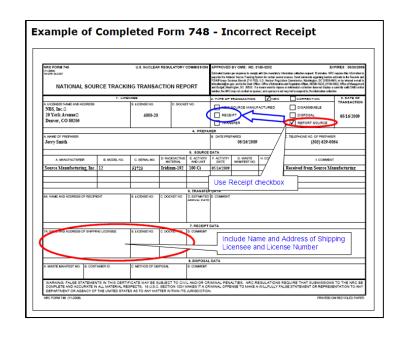






# Form 748 Common Reporting Errors

- Omission of required fields
- Misreporting of source makes and models (device makes/models)
- •Illegible information (handwritten)
- •Incorrect license numbers (sending or receiving license numbers)
- •Inaccurate transfer information (inconsistent license numbers on transfer and receipt transactions)



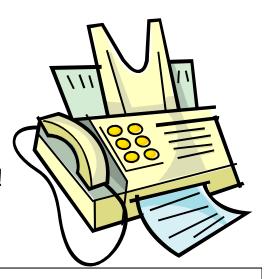




# Issues with Faxing Form 748

- •Faxes submitted by licensees are not always received
  - •Static on fax line resulting in scrambled text, partial receipt of fax (cut off), or no receipt at all
  - •Faxes sent with the paper upside down
- •Use a cover sheet so the NSTS Help Desk has a way to contact you to let you know there is a problem with your transaction submission
- •Request confirmation from the help desk if not received, follow up! The Help Desk may not have received your report!





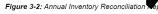




# Annual Inventory Reconciliation

- New process
  - Inventories were generated the last two weeks in December
  - Inventory Reports mailed to RSO; certified mail, to the facility street address
  - Reconciliation is as of the date on the Inventory report
  - Coversheets for fax submissions were prepopulated with the licensee information
  - •Ensure the name is legible on the inventory verification so it can be processed









#### **Forward Focus**

- •New Form 748
  - Intuitive design for simple entry
  - Ability to save data
  - Email capability
  - •Individual forms for single transactions
  - •Long form for multiple transaction types

		NRC FORM 748		II S MIICETAD	REGULATORY COMMISSION	APPROVED BY OMB:	NO 3450 0303		EXPIRES: 12/31/
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# Marketing Effort

- Contracted with marketing firm to gain insights on how to increase usage of online NSTS
  - Advantages of online NSTS vs other methods
  - Barriers to using online NSTS
  - •How online NSTS compares/differs from other online systems
  - Effectiveness of NSTS Help Desk
  - Feedback on online credentialing process
  - Feedback on NSTS outreach
  - Input on media and communications preferences





#### Latest NSTS Maintenance Release

- •Maintenance release 1.4 was deployed in December
  - Addition of 'Previous' button on several screens
  - Changes to layout of Annual Inventory Reconciliation report
  - Better tracking of overall progress of reconciliation
  - Fixed errors







#### **Forward Focus**

- •NSTS Version 2 Spring 2011
  - Pending/Overdue transfer notifications
  - Import/Export notifications
  - Source history
  - Licensee transfer history
  - Reports







## **Questions & Answers**







