

**SSD Workshop
Current Issues
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SSD Workshop

Current Issues



- General Licensing Tracking System Devices
- Exempt Distribution
- Sealed Source and Device Registrations
- Current Issues
 - GAO Action Plan
 - IMC 2800 Revision
 - IMC 1246 Revision
 - NUREG-1556 Revision
 - LTS 2.0
 - NRC Commercial and Academic Conference Calls



General Licensing Tracking System (GLTS)



What is GLTS?

- The GLTS database tracks generally licensed devices (GLDs) in NRC jurisdiction containing byproduct materials to ensure authorized use, transfer and proper disposal.
- Maintains the annual registration program for certain 10 CFR Part 31 authorized GLDs. Approximately 1,100 **NRC** authorized GLs require annual registration.
- GLTS contains information from approximately 40,350 GLs possessing 513,000 GLDs.
 - 85% - 90% of the devices are self-illuminating exit signs which do not require annual registration.



General Licensing Tracking System (GLTS)



What it does?

- The GLTS tracks information on NRC GLs and NRC authorized and vendor distributed GLDs. The GLTS database includes vital information on GLDs such as:
 - **model number**
 - **serial number**
 - **Isotopes**
 - **current owner**
 - **location**
 - **ownership and transfer history from distribution to disposal of the device.**

- The GLTS facilitates extraction of information from annual registration returns and vendor quarterly transfer reports of devices, supports follow-up with non-returns and generation of reminder letters.

Exempt Distribution



Exempt Distribution Criteria

- Consumer products containing byproduct material used by the general public are exempt from licensing requirements. 10 CFR Part 30 exempts members of the public from regulatory requirements when exempts products are received, used, transferred.
- Distribution of products to persons exempt from regulatory authority (i.e. general public) is made by a person/company who has a specific license from the NRC authorizing the distribution.



Sealed Source and Device Evaluations



Why Conducted?

- To protect the public and radiation workers' health and safety by preventing inadequate sealed sources and devices from being distributed.

- Applicable Regulations
 - ✓ 10 CFR Parts 30, 31, and 32
 - ✓ Agreement States regulations

- National Sealed Source and Device Registry
 - ✓ 4500 registrations
 - ✓ 1200 vendors
 - ✓ web-site (*password protected*): <http://nrc.stp.ornl.gov/ssdr.html>



Sealed Source and Device Evaluations



NRC's Safety Evaluation Process

- Formalized
- Based on written guidelines (NUREG-1556, Vol. 3) and office procedures
- 50-70 applications/year
- Typical process:
 - ✓ Vendor submits application to NRC
 - ✓ NRC conducts acceptance review (*within 10* days after receipt, 10% rejects)
 - ✓ NRC staff conducts safety review (two reviewers are required)
 - ✓ NRC requests additional information (so called "deficiency letter")
 - ✓ Vendor provides response
 - ✓ NRC reviews response
 - ✓ NRC issues registration certificate to vendor (goal: *within 180* days after receipt)
 - ✓ NRC enters certificate into National Registry
 - ✓ NRC distributes certificate to Agreement States
 - ✓ Supervised by in-house tracking systems

Current Issues

Other Licensing Branch activities:

- ***Incorporating the GAO Action Plan recommendations into the way we do business by***
 - Revising IMC 2800
 - Revising IMC 1246
 - Revising NUREG-1556
- ***LTS 2.0***
- ***Holding monthly internal conference calls to discuss licensing and inspection topics***



Current Issues (cont.)

➤ ***Recommendations from the Materials Program Working Group and the Independent External Review Panel***

- Revising IMC 2800
 - Incorporate security culture into the Materials Inspection Program - security inspection and pre-licensing guidance
 - Frequency of security inspections = public health and safety
- Revising IMC 1246
 - Include practical security training for Inspectors and License Reviewers
 - Elevate emphasis of security culture
 - Introduce a more apprentice style training approach



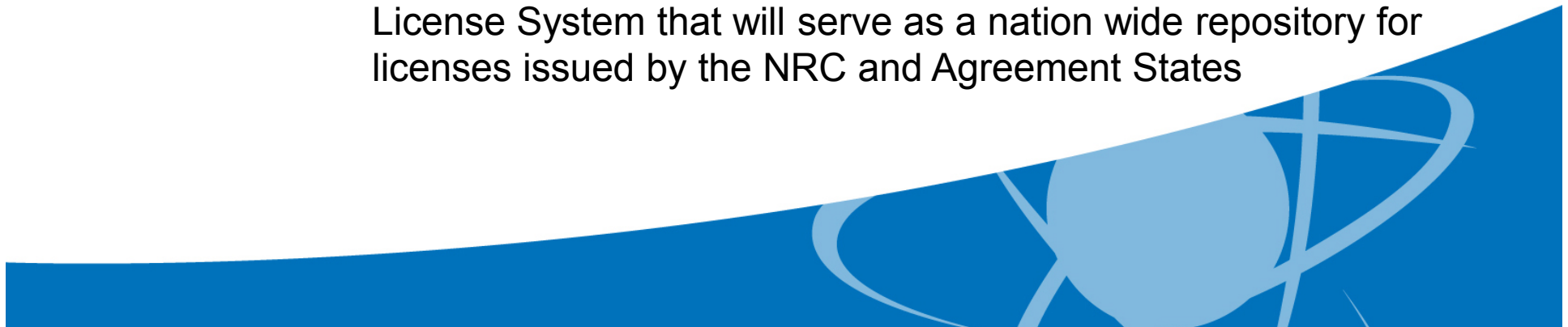
Current Issues (cont.)

- Revising NUREG-1556

- Remove the concept of Good Faith
- Remove any type of information that could potentially aid an individual in acquiring radioactive material for malevolent use
- Update volumes to reflect any new policies since their last publication

- ***NRC LTS 2.0***

- Database will replace NRC's current License Tracking System in place since 1985
- Based on a program used by the State of Ohio
- This is the 1st Step in the development of the Web Based License System that will serve as a nation wide repository for licenses issued by the NRC and Agreement States



Current Issues (cont.)



➤ ***Internal conference calls to discuss licensing and inspection topics:***

- Human Scanning
- Reciprocity for licensees with multiple licenses from different Agreement States
- 24-hour radiography reporting requirements



Questions?



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