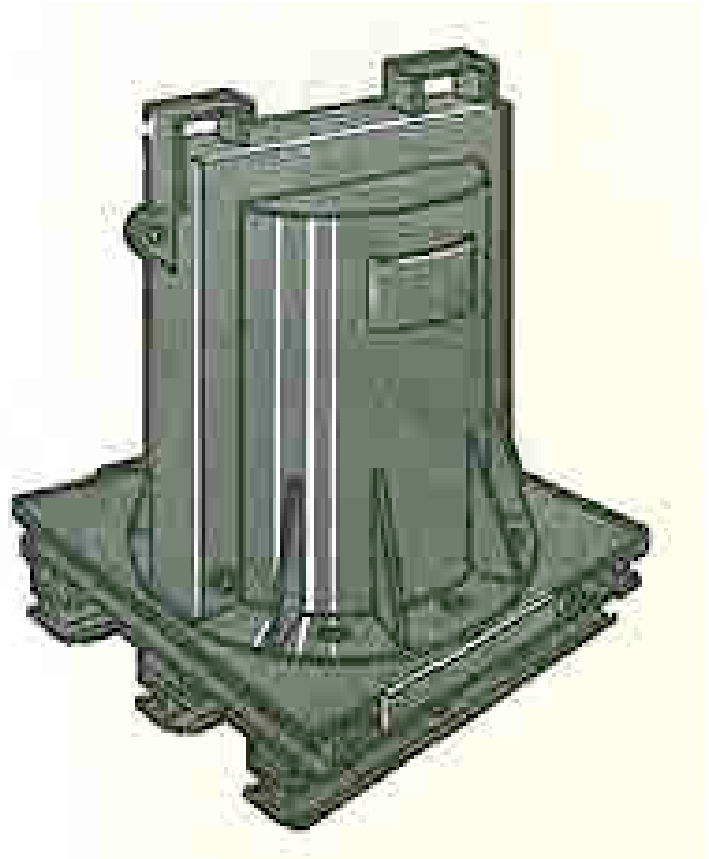


Request for Extension of Model 1500 Certificate No. 5939

NRC Public
Meeting

May 21, 2012
Earl Saito, GEH



imagination at work



Agenda

- Attendee introductions
- GEH Information
- JL Shepherd Information
- Discussion
- Comments from Public



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Impact and consequences



- GEH encapsulates Co-60 for use in medical, homeland security and national security purposes.
- Currently GEH produces these sources for companies that design and sell to the end users
- The GE-2000 is the only cask Type-B byproduct material cask that GEH is pursuing at this time. Customers will obtain additional casks if needed.



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Potential Replacements for GE1500 Cask

- AOS-100
- JLS&A NRC licensed Type B Package under development



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Compensatory Measures

- Limited to cask with serial number 1507
- Shipments limited to Co-60 sources
- Shipments to be accomplished as “Exclusive-Use”
- Maximum quantity of Co-60 shall comply with content limits specified in Certificate No. 5939
- Shipments will only be made in association with JL Sheppard activities.



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Request for extension of 1507



- NRC authorization requested for limited use of the Model 1500, S/N 1507, through June 30, 2013
- Cask contents limited to Co-60 sources between
 - Vallecitos and JLS&A;
 - JLS&A and U.S. government entities or their subcontractors, including Homeland Security, Defense Microelectronics Activity, and Honeywell,
- Request limited to eight (8) domestic shipments to be completed before June 30, 2013.



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Planned usage of 1507



- 8 Co-60 shipments using one 1507 Cask in CY-2012
 - 4 Co-60 shipments expected to originate at GEH's Vallecitos Nuclear Center and terminate at JLS&A
 - 1 shipment from JLS&A to GE.
 - 1 shipment from JLS&A to Defense Microelectronics Activity
 - 1 shipment from Defense Microelectronics Activity to JLS&A or Vallecitos
 - 1 shipments from JLS&A to potential U.S. government entities



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