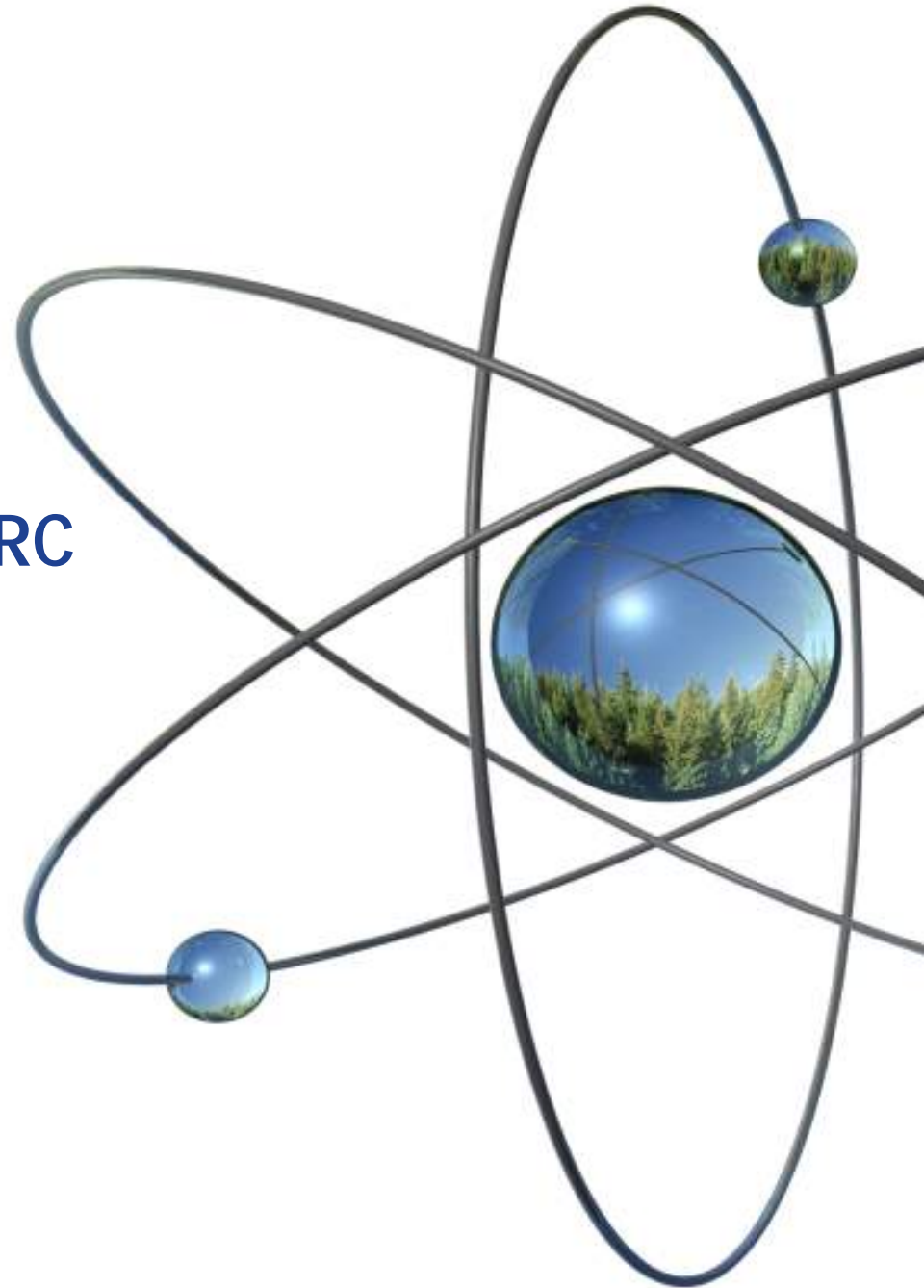


GE Hitachi Nuclear Energy

**GE Hitachi Meeting with NRC  
SNM 960 License**

**Rockville, Maryland  
June 4, 2012**



**HITACHI**

# Agenda

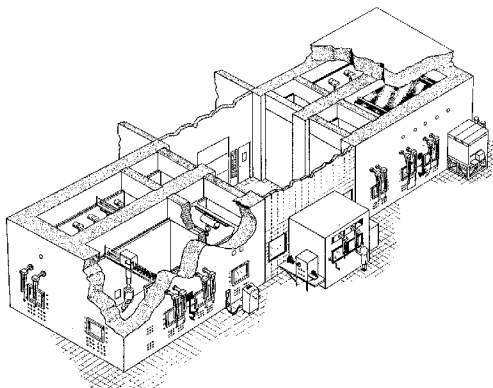
- Welcome & Introductions
- Purpose of Meeting
- Vallecitos Overview
- SNM 960 submittal current status
- Proposed process for SNM 960
- Licensing Considerations
- Plan
- Discussion



# GEH VNC Products & Services

## § Medical and Industrial Sealed Source Fabrication

- § Co-60: medical therapy, medical & industrial sterilization
- § Cf-252: nuclear reactor startup and industrial sources

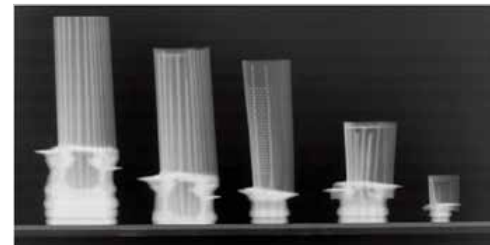


## § Post Irradiation Examination

- § Irradiation examination & testing services on components and material

## § Neutron Radiography

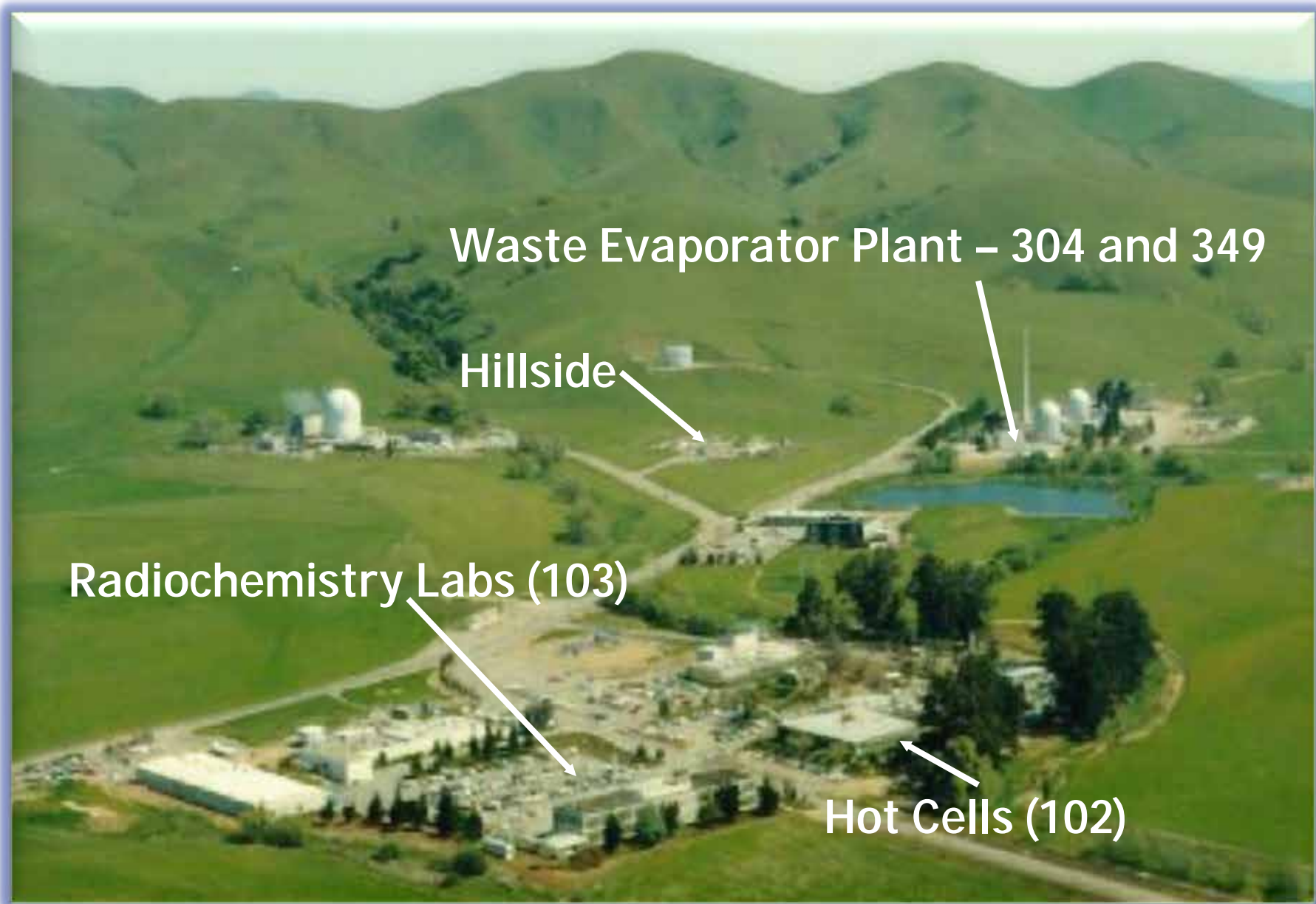
- § Non-destructive examination of hardware & components
- § NASA, defense contractors, nuclear industry



## § Nuclear Transportation

- § Cask leasing and turn-key transportation





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## Hillside Facility and storage canister



# Current Status SNM-960

- § LRA initially submitted September 30, 2009
- § License expired June 30, 2010 – timely renewal
- § Revised LRA and DFP submitted April 8, 2011
- § NRC accepted LRA and DFP for review October 31, 2011
- NRC issued first set of RAI's April 3, 2012



# Site Activities

Product	Location	License	Application
Cobalt sealed source fabrication	Hotcells- 102	CA 0017-01	Medical/industrial
Neutron Radiography	NTR	R-33	NDE
Californium sealed source fabrication	Hotcells- 102	CA 0017-01	Industrial
PIE- hardware & components	Hotcells- 102	CA 0017-01	Fuel cycle
Cask Leasing	Hillside	SNM 1270	Transportation
PIE- SNM	Hotcells- 102	SNM-960	Fuel cycle

- Additional NRC Licenses
  - Possession Only (3) ... Safstor reactors
  - Cask certificates



# Proposed process for SNM 960 license

- § Amend CA Agreement State License for SNM use up to 350 g
  - § SNM quantity controlled ... existing accountability system
  - § Activities ... Bldgs 102, 103 & WEP
- § Consolidate SNM to Hillside location from other buildings or remove from site
- § Modify SNM 960 application ... possession and storage of SNM at Hillside exclusively





# Licensing Considerations

- § A certification of financial assurance for decommissioning is currently provided to California that covers SNM licensed activities
- § Transfer of SNM licensed activities to California license does not cease principle activities or remove any facility or portion of the site from service
- § NRC Approved Site Physical Security Plan ... No changes anticipated due to proposed SNM process
- § Nuclear Material Control Plan ... procedures are in place and will be maintained under CA license



# Plan

- § Submit request to State of California ... amend CA Agreement State License ... SNM use  $\leq$  350 grams
- § Modify, simplify, and consolidate SNM 960 renewal application ... possess and store SNM in Hillside



# QUESTIONS



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