

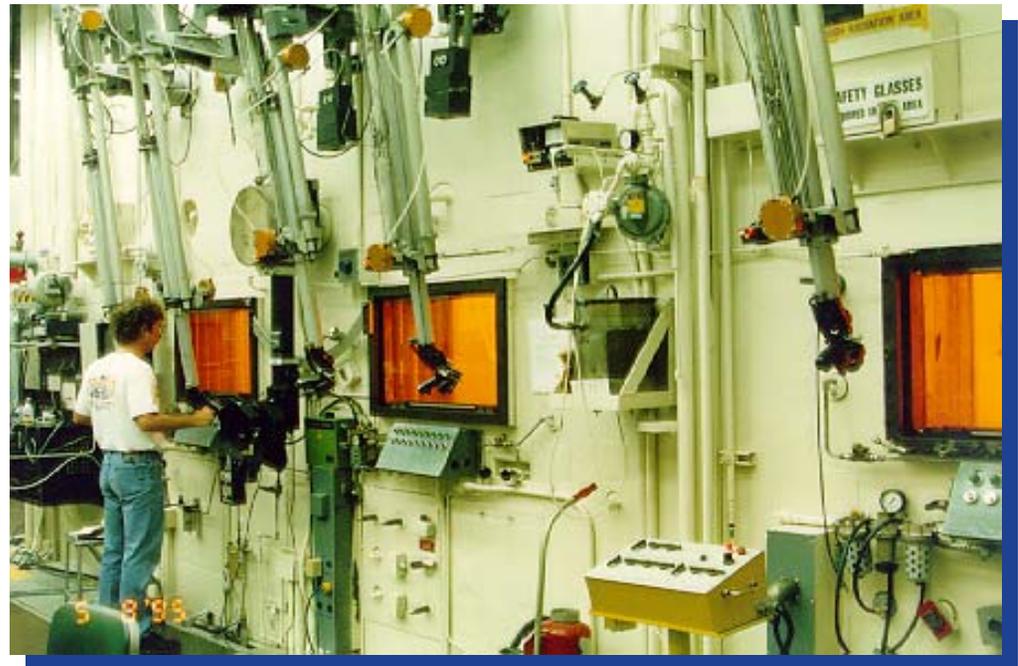
GE Hitachi  
Nuclear Energy

# Vallecitos Nuclear Center

SNM-960 Renewal  
Pre-Application Meeting  
February 18, 2010



**HITACHI**

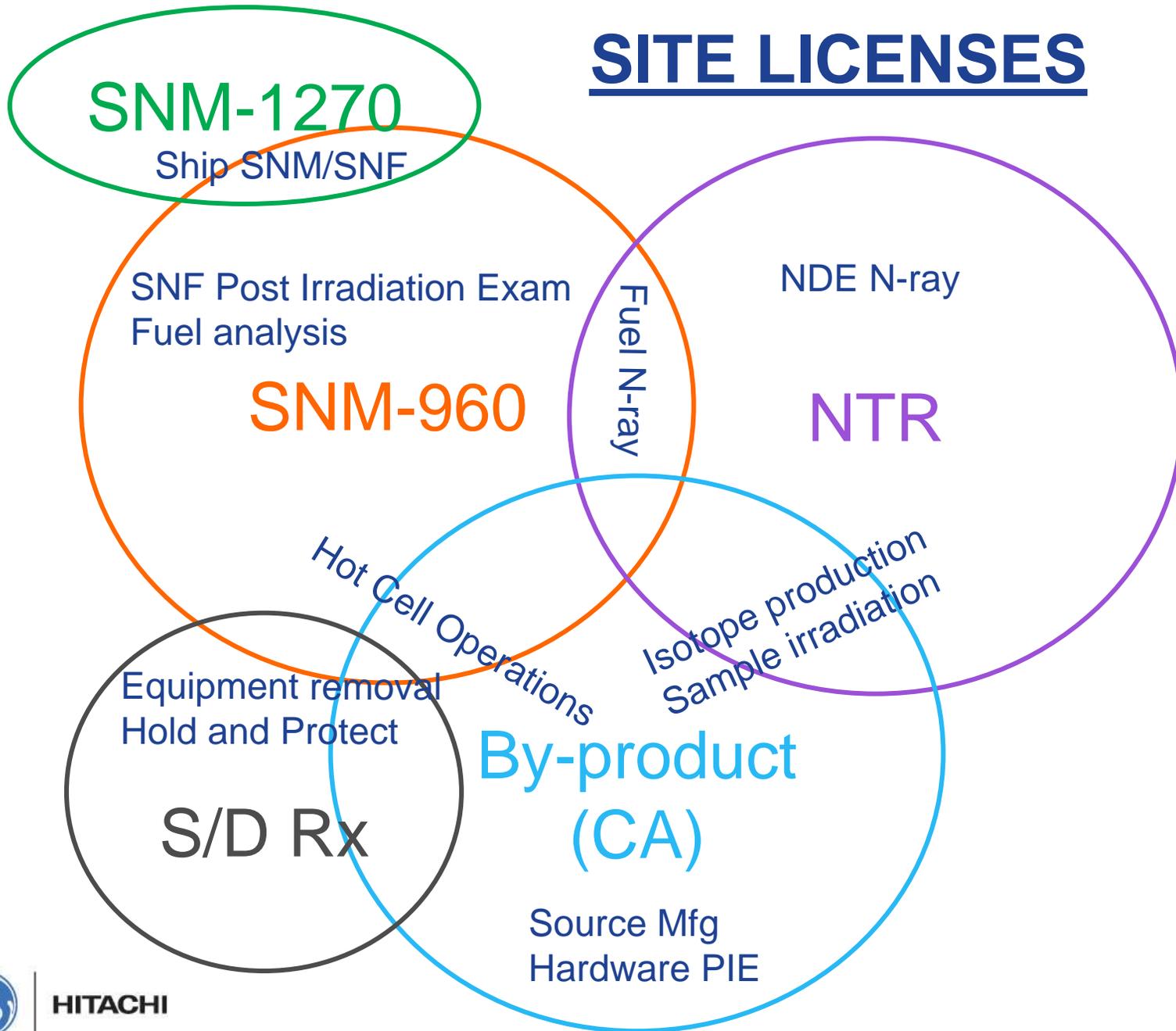


# Vallecitos Nuclear Center



HITACHI

# SITE LICENSES



HITACHI

# **CURRENT STATUS SNM-960**

**Current license issued May 2000**

**Current license expires June 30, 2010**

**License is in “old” format**

**GEH is continuing the SNM-960 renewal process**



# **GENERAL RENEWAL PHILISOPHY** **(Update)**

**Revised renewal application will include the 12/7/09 RAI response proposed changes**

**Revised renewal application will address the deficiencies described in the 1/6/10 non-acceptance letter**

**VNC will now request a 10-year term**



# **DOCUMENTS SUPPORTING RENEWAL**

- **Security Plan**
  - **Current as approved 7/24/08**
  - **No change required**
- **Decommissioning Plan**
  - **Current Decommission and Closure Plan and revised cost estimates were provided to NRC on 7/2/09**
  - **Decommission funding plan is by parent guarantee. Most recent certification of financial assurance was provided to NRC on 3/19/09. This information is updated annually.**



# DOCUMENTS SUPPORTING RENEWAL

- **Fundamental Nuclear Material Control Plan**
  - **Not required for a facility with less than 1-effective kg**
  - **Procedures required by 74.2 were audited March 2009 and found to meet the requirements**
  - **License conditions SG 2-1 and 2-2 should be retained in the renewed license**
  - **No additional renewal actions necessary**



# DOCUMENTS SUPPORTING RENEWAL

## •RC & EP

- Facility used 10 CFR 70.22 (i)(1)(i) and (i)(2) to demonstrate no RC & EP required
- GE request of 4/21/89 as approved with SER by NRC 12/20/90
- Accident potentials and consequences have remained the same or are reduced
- No additional actions planned for renewal



# DOCUMENTS SUPPORTING RENEWAL

- **Environmental Report**

- **VNC activity is not included in those called out by 10 CFR 51.60 and therefore an *Environmental Report* is not required**
- **License condition S-6 requires annual reports of discharges and this appears adequate**
- **A summary of the past 10-year environmental monitoring and surveillance report summaries was provided to NRC on 9/30/09.**



# **LICENSE CHAPTER REVISIONS (since**

**Revised Chapter 1, “Facilities and Equipment for Handling SNM” Process Description” as follows:**

- Added details and a process flow diagram to process description
- Added a “Facilities and Equipment for Handling SNM” section
- Added a Building 102 main floor layout diagram
- Added shielded enclosure, storage pool, and dry pit storage descriptions
- Moved ventilation and enclosure descriptions from Chapter 4 to Chapter 1
- Added exhaust system details and a flow diagram figure
- Added a backup power supply description
- Added a measuring and monitoring device section
- Moved the criticality accident alarm system description from Chapter 5 to Chapter 1
- Moved the liquid and solid waste management facility descriptions from Chapter 9 to Chapter 1



# SCHEDULE

**Very interested in any feedback on our proposed revisions**

**If this approach is acceptable, plans are to submit a revised application by 3/1/2010**

**Would entertain and recommend a site visit once the application has been submitted and the review team is engaged**