Release of Property at the Western New York Nuclear Service Center

Presentation to the West Valley Citizen Task Force

November 18, 2009

Partial Site Release

Objectives

- Release a portion of the Western New York Nuclear Service Center (Center) from the NRC license

- Make the property available to the public so it can go back on the tax roll
Western New York Nuclear Service Center

Candidate Areas for Partial Site Release

Boundary of “Impacted” area approx. 4.5 acres; includes BSW

Boundary of “Non-impacted” area approx. 345 acres
Bulk Storage Warehouse (BSW)

- The former Plutonium Storage Facility – NRC License was terminated in 1975
- Considered an “Impacted” Area by NRC
- DOE used the BSW for storage of excess equipment from 1982-2009
- Control of the BSW was returned to NYSERDA in July 2009
- The BSW measures 80' by 163' (13,040 ft²)
- 326 Pu overpack containers (surveyed, not contaminated) were disposed in a shallow trench south of the BSW with approval by NYSDEC (Scrap Material Landfill)

Goals for Selection of a “Non-Impacted” Area

- Not Impacted by Reprocessing Operations
- Not Impacted by WVDP Operations
- Release of the Area will not Impact the Cleanup of the Center
Candidate Area Screening for Partial Site Release

Presented by Lee M. Gordon

Screening Criteria

- Unavailable Areas
  - WVDP facilities (including rail spur and reservoirs)
  - SDA
  - Aerial Radiation Survey Areas
- Water Resource Considerations
  - Streams & Watersheds
- Land not developable
  - Steep Slopes
WVDP Facilities & the SDA

1979 Aerial Radiation Survey

Includes rail spur and reservoirs
Layer Overlay

- WVDP & SDA
- Aerial Radiation Survey
- Streams
- Watersheds
- Steep Slopes
Candidate Area

- 342 Acres
- Believed to be “Non-impacted”
- Not expected to impact Site cleanup activities
- Developable land
Process for Partial Site Release

- NYSERDA requested that NRC provide a process to release a “non-impacted” portion of the Center from the NRC license:
  
  The Commission approved the use of sections of 10 CFR 50.83 Release of part of a power reactor facility or site for unrestricted use applicable for release of a “non-impacted” area
  
- NYSERDA will propose using the sections of 10 CFR 50.83 that are applicable for release of an “impacted” area of the Center.
**Process for Partial Site Release**

- **Request a License Amendment for the Release of Property**
  - “Impacted” Area -- BSW and 4.5 acres
  - “Non-Impacted” Area -- 345 acres

**NRC Review and Approval**

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**Application for License Amendment**

- **Description of the Areas for Partial Site Release**
- **Characterization of Areas**
- **Impacts to Licensed Program**
- **Demonstrate Compliance with NRC Dose Criteria**
- **Environmental Review**
**Areas for Further Actions**

- **Boundary of “Non-impacted” Area**
- **Hydro-Fracture Test Wells**
- **Scrap Material Landfill**
- **Boundary of “Impacted” Area: BSW**

**Anticipated Review and Approval Process**

1. NYSERDA submits Application for License Amendment
2. NRC Acceptance Review
3. Public review of Application for License Amendment
4. NRC Site Inspection and Confirmatory Surveys
5. NRC Detailed Technical Review
6. NRC Holds Public Meeting
7. NRC confirms compliance with requirements
8. Prepare and Issue NEPA Document
9. NRC approves License Amendment
**Next Steps**

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<td>Prepare Final Status Survey Plan</td>
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<td>Submit Application(s) for License Amendment</td>
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*Note: The durations for the aforementioned activities are approximations and likely to change.*

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**Public Authorities Act**

After release of property from the license, NYSERDA must disposition property in accordance with the requirements of the Public Authorities Act.