



## *General West Valley Site and Project Description and Current Status*

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# General West Valley Site and Project Description and Current Status

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## *West Valley Presentations*

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- General West Valley Site and Project Description and Current Status
- Overview of Environmental Impact Statement for the Western New York Nuclear Service Center
- General Approach for NRC Staff Review of the Performance Assessment of the West Valley Site



## *Presentation Outline*

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- General history and background
- Agency roles and responsibilities
- Site description and areas of concern
- Current status of activities



## *General History and Background*

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- WV SF reprocessing facility (1966-72)
- Congress passed WVDP Act (1980)
- DOE-NYSERDA Cooperative Agreement (1981)
- DOE-NRC Agreement (1981)
- NYSERDA license put in abeyance (1981)
- DOE takes control of facilities (1982)
- NRC issues Final Policy Statement (2002)
- DOE completes solidification of HLW (2002)



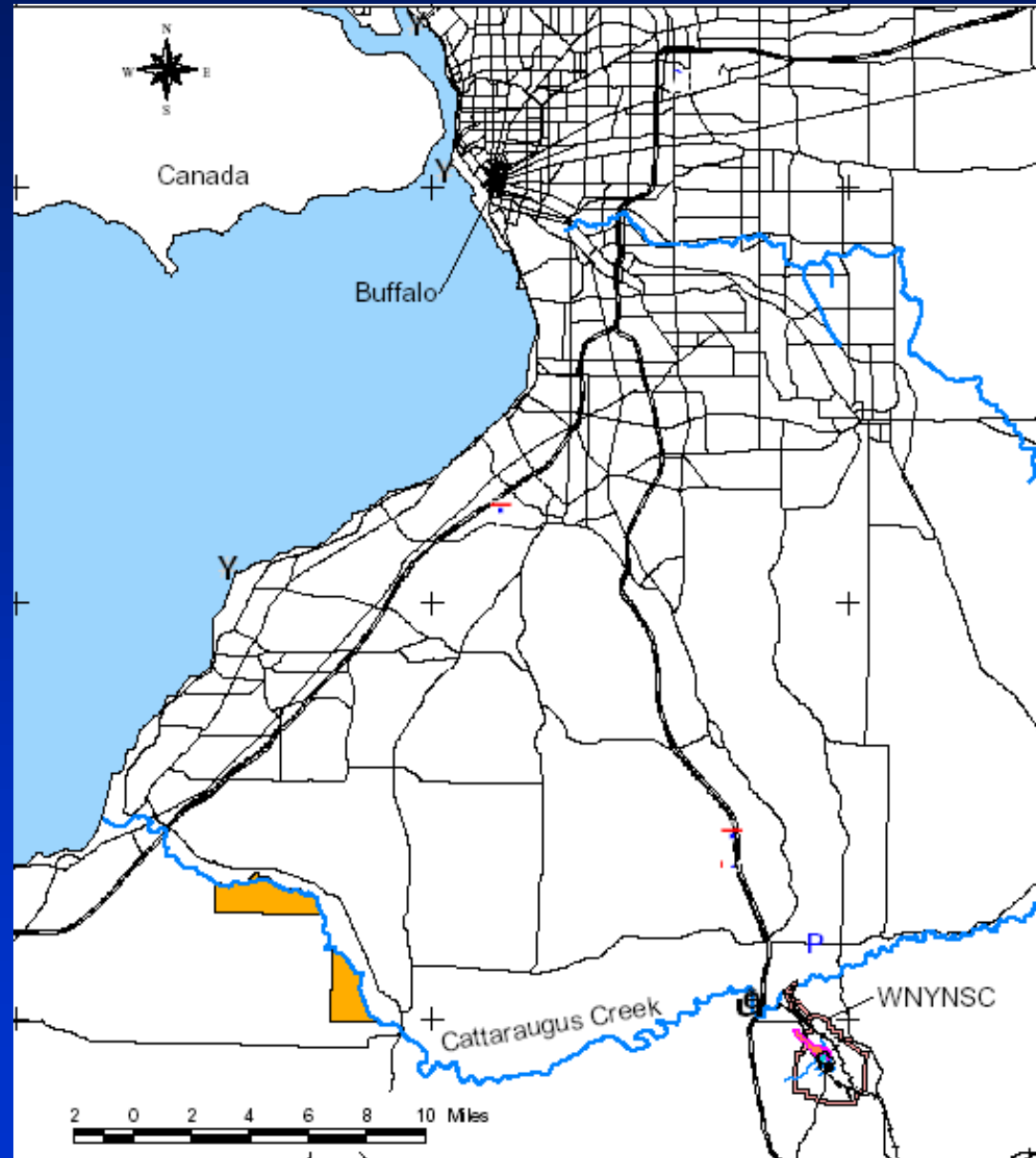
## *Agency Roles and Responsibilities*

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- Involved agencies: NRC, DOE, EPA, NYSERDA, NYSDEC, and NYSDOH
- Regulators communication plan developed (3/02)
- Identifies:
  - roles and responsibilities of regulatory agencies
  - cleanup requirements and expectations
  - principal points of agreement

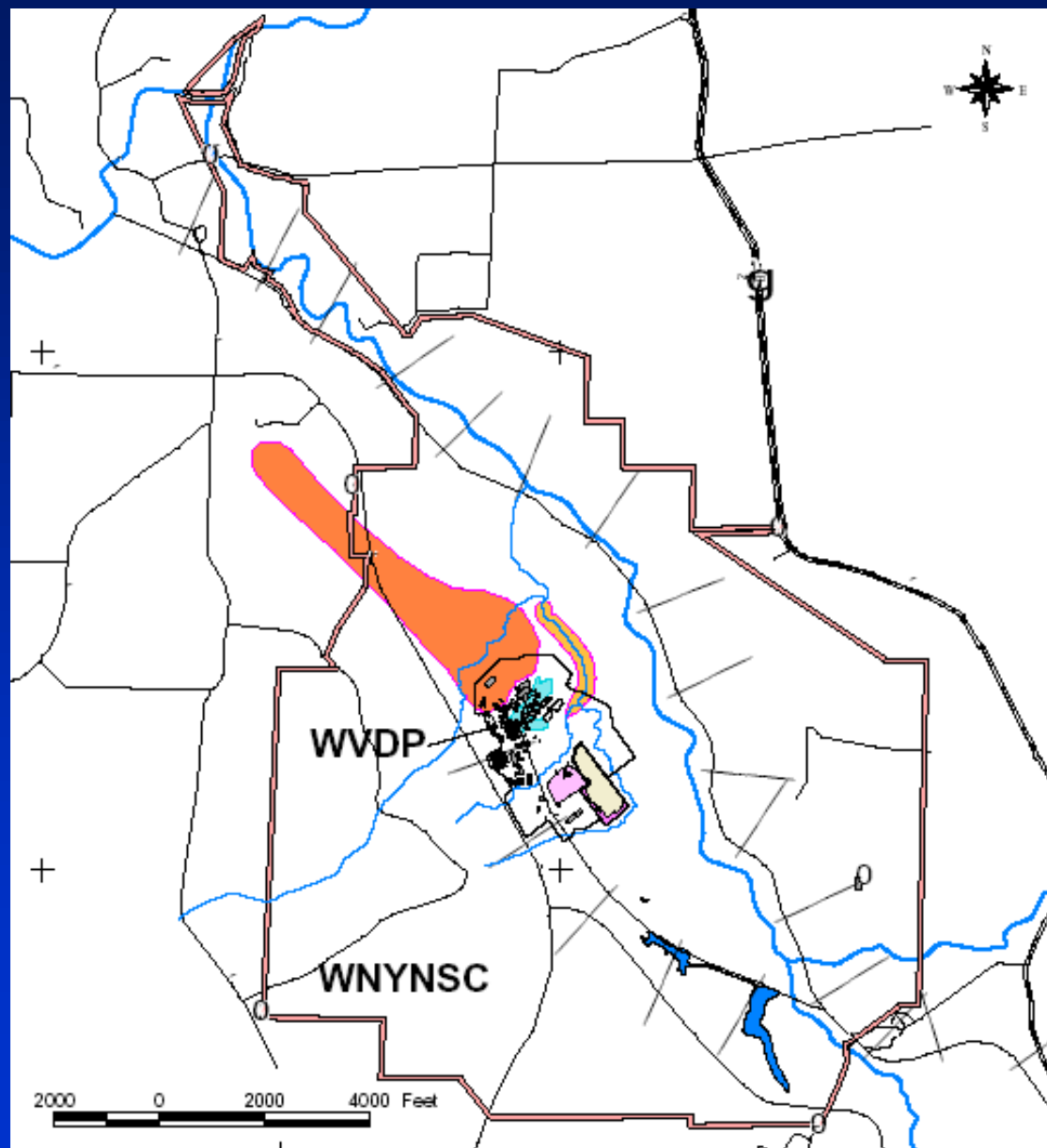


## *Regional Setting*



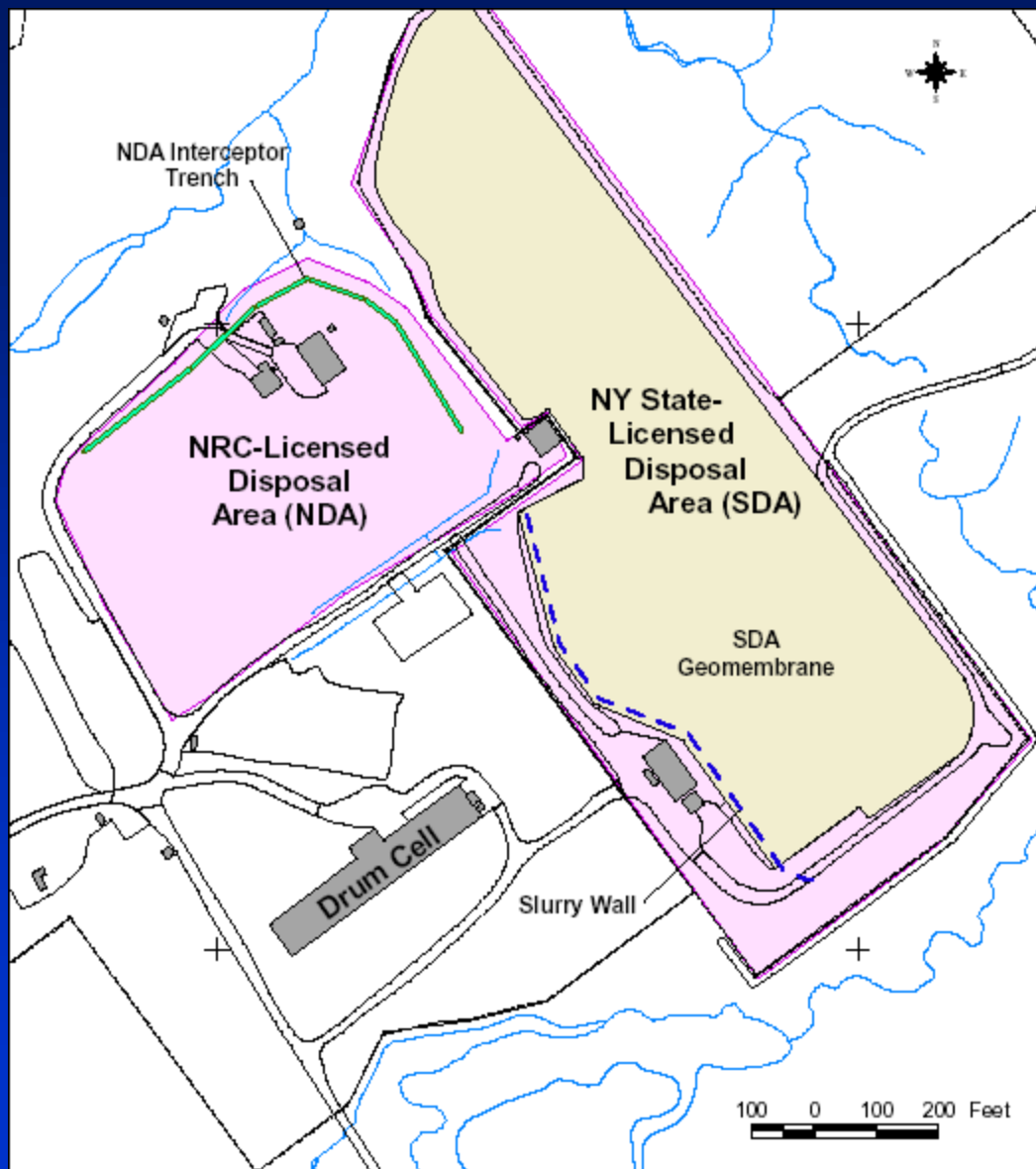


## *Project and Center Areas of Concern*





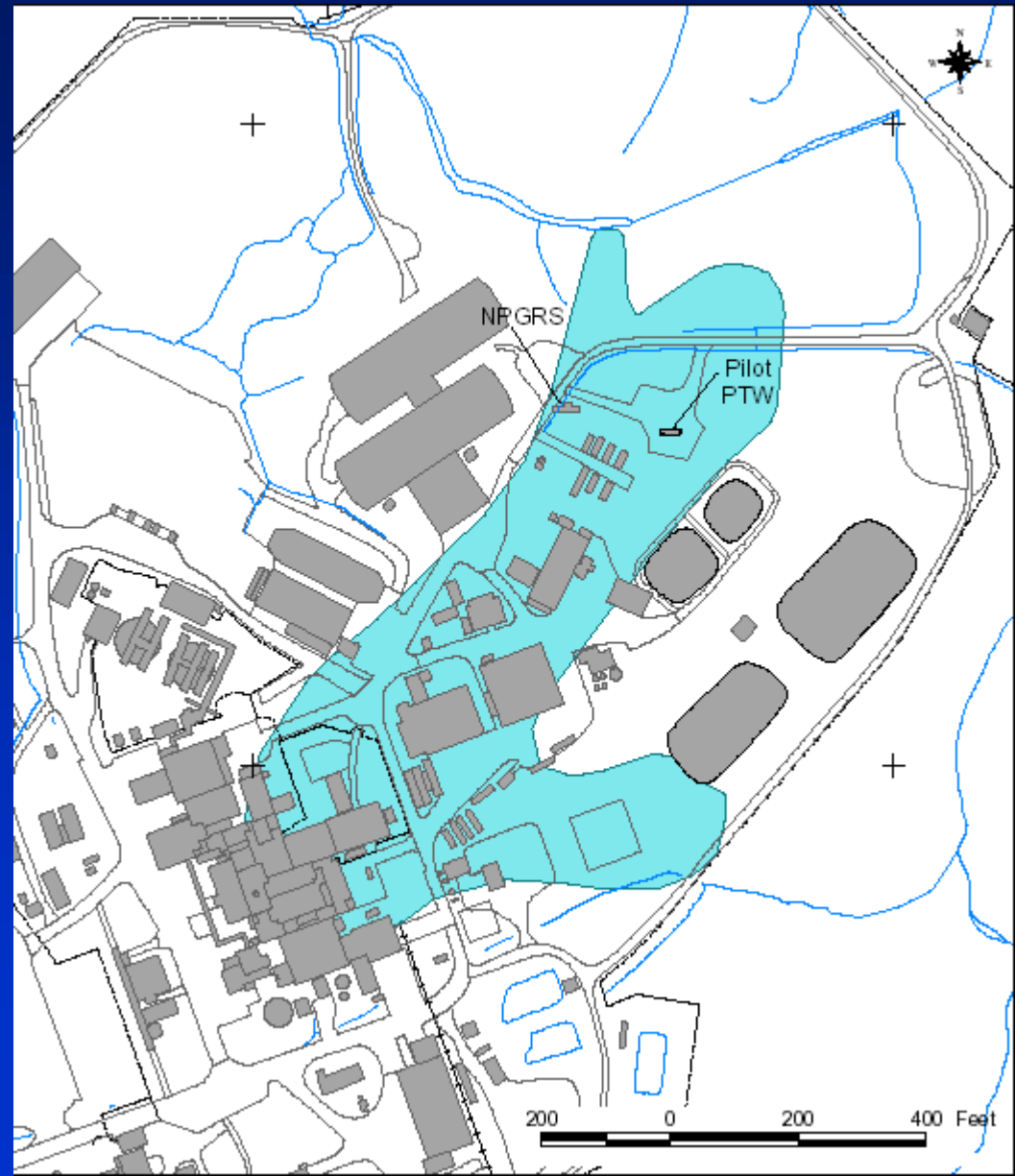
## *South Plateau Burial Area*





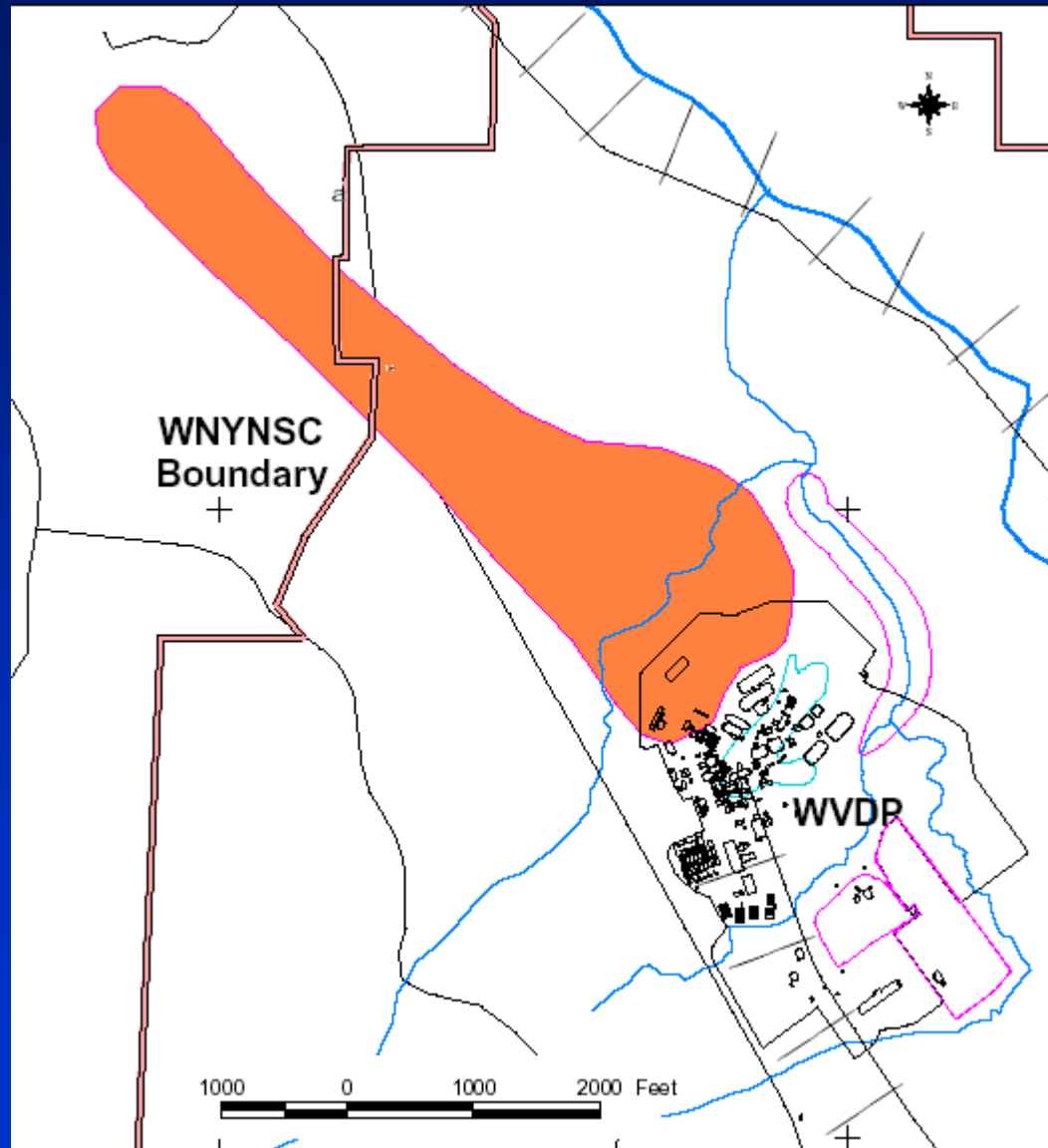


## *North Plateau Plume*



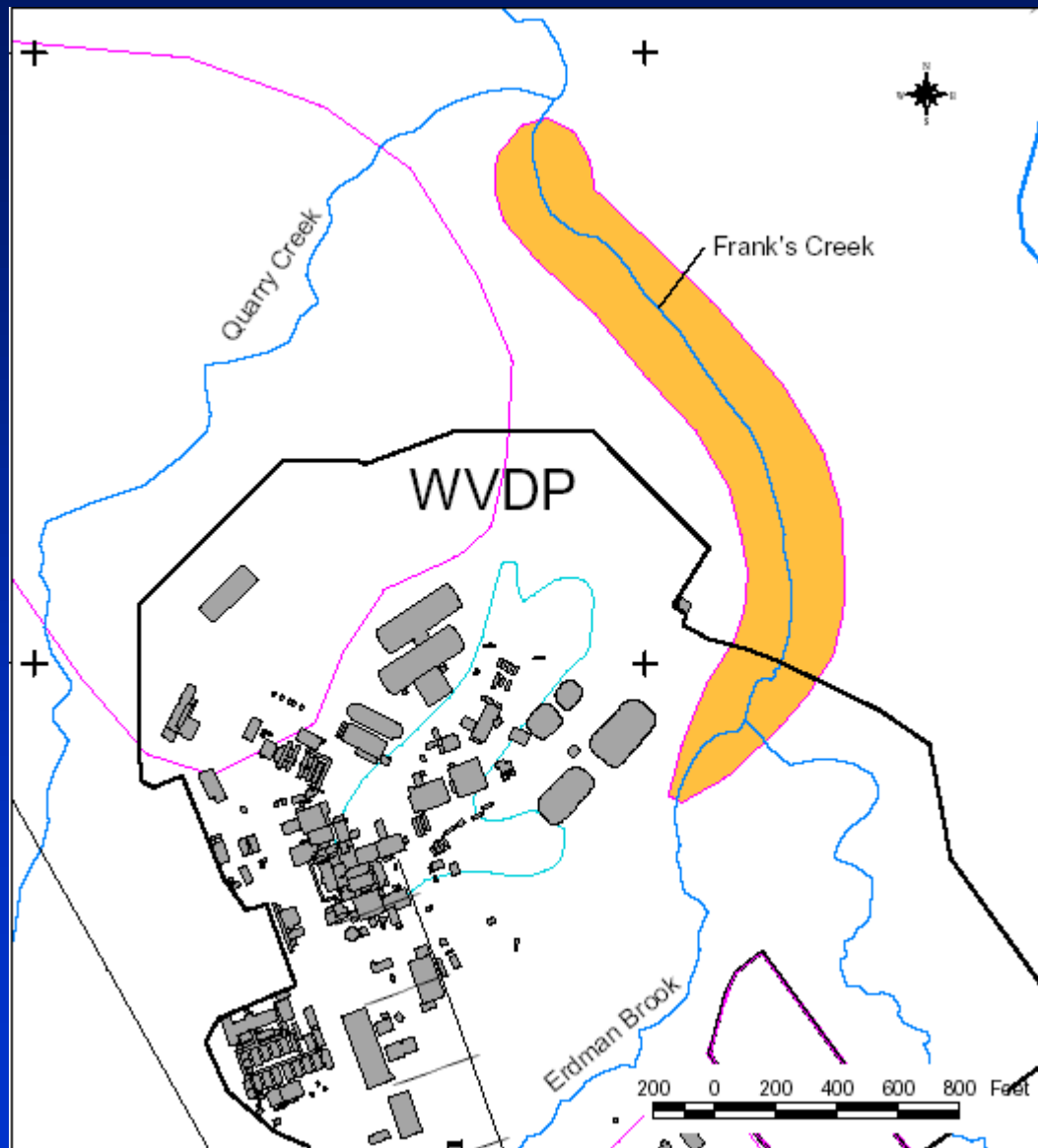


# Cesium Prong



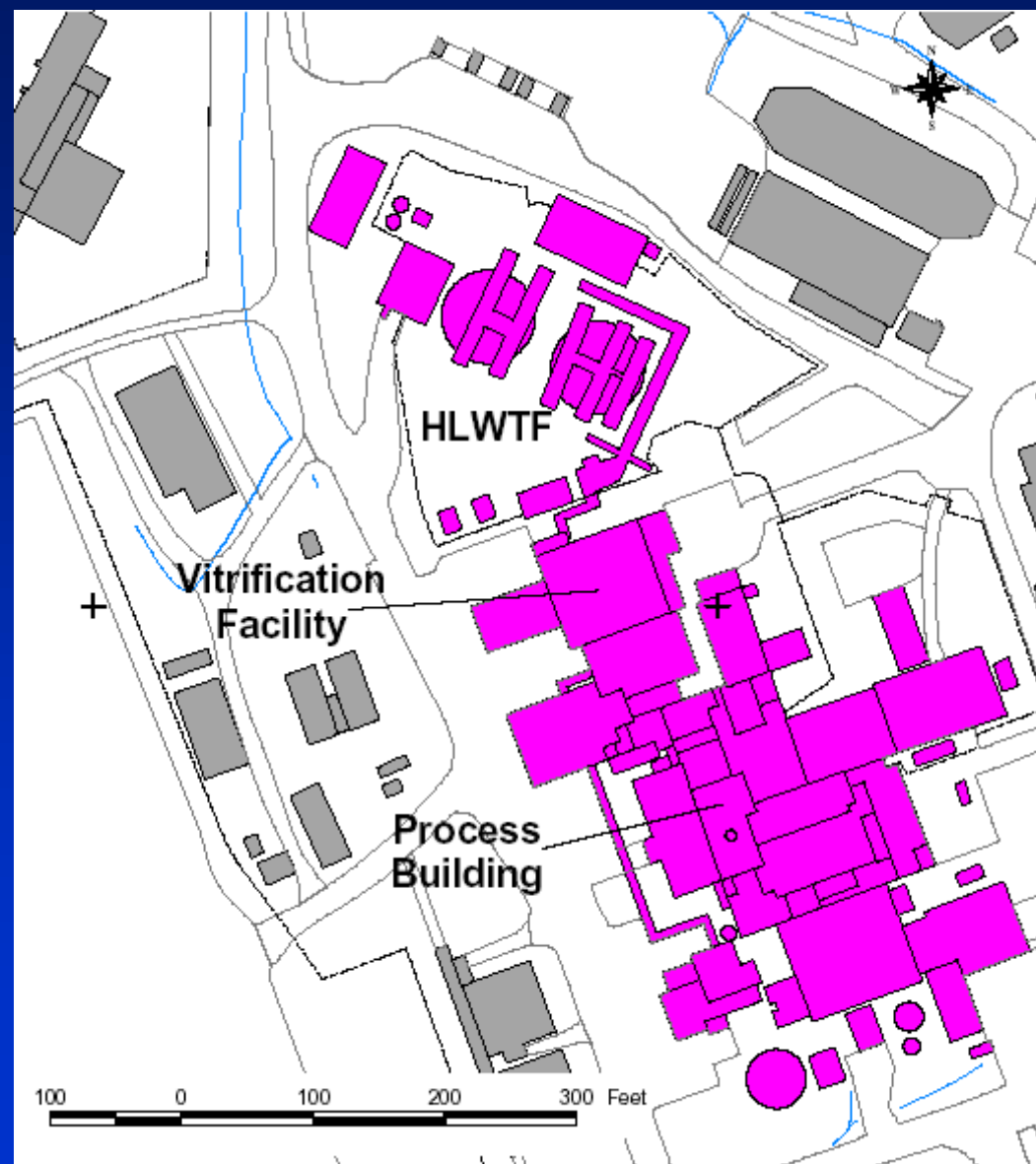


## *WNYNSC Creek Sediments*



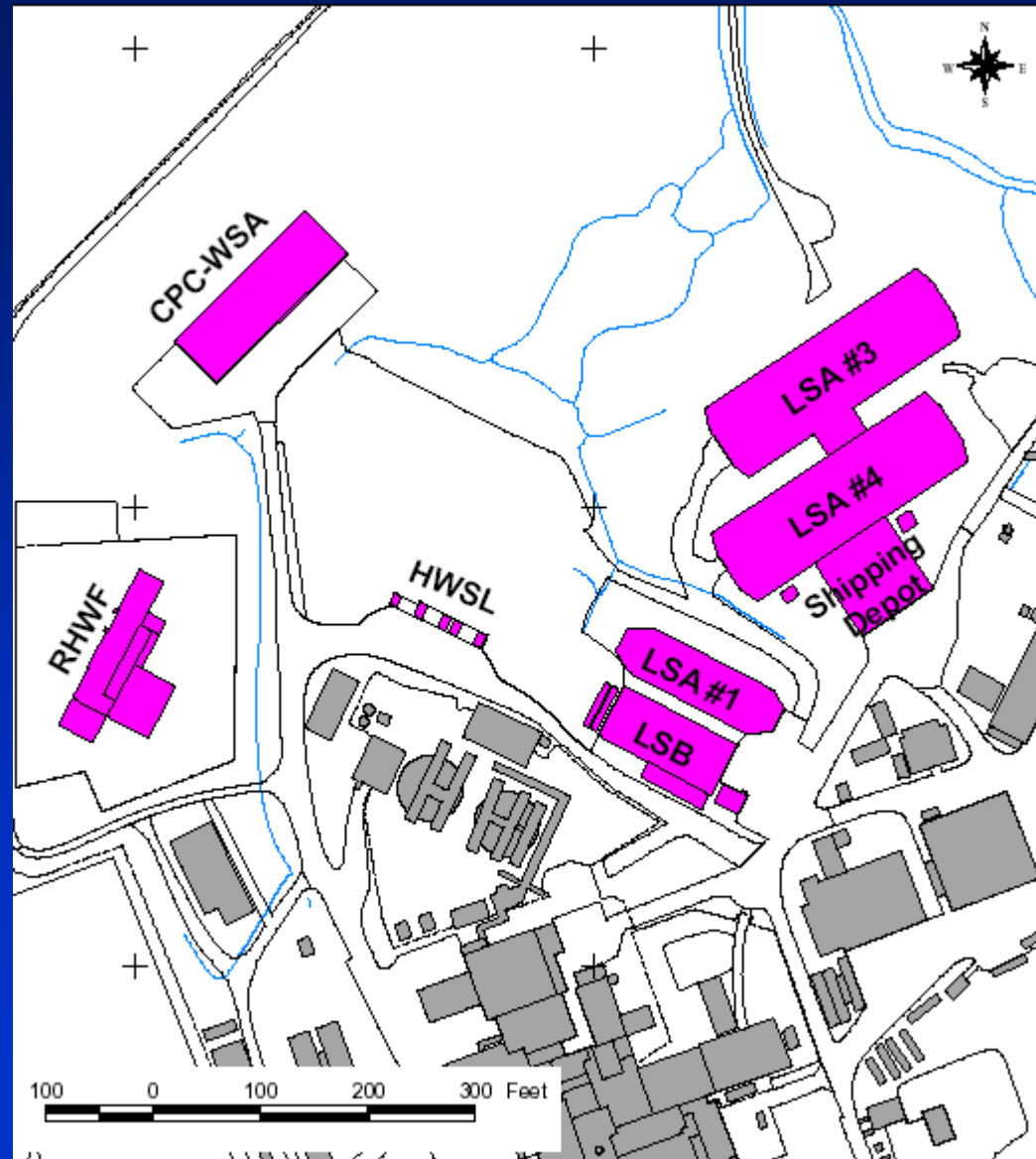


## *HLW Tanks, Vit Facility, & Process Building*



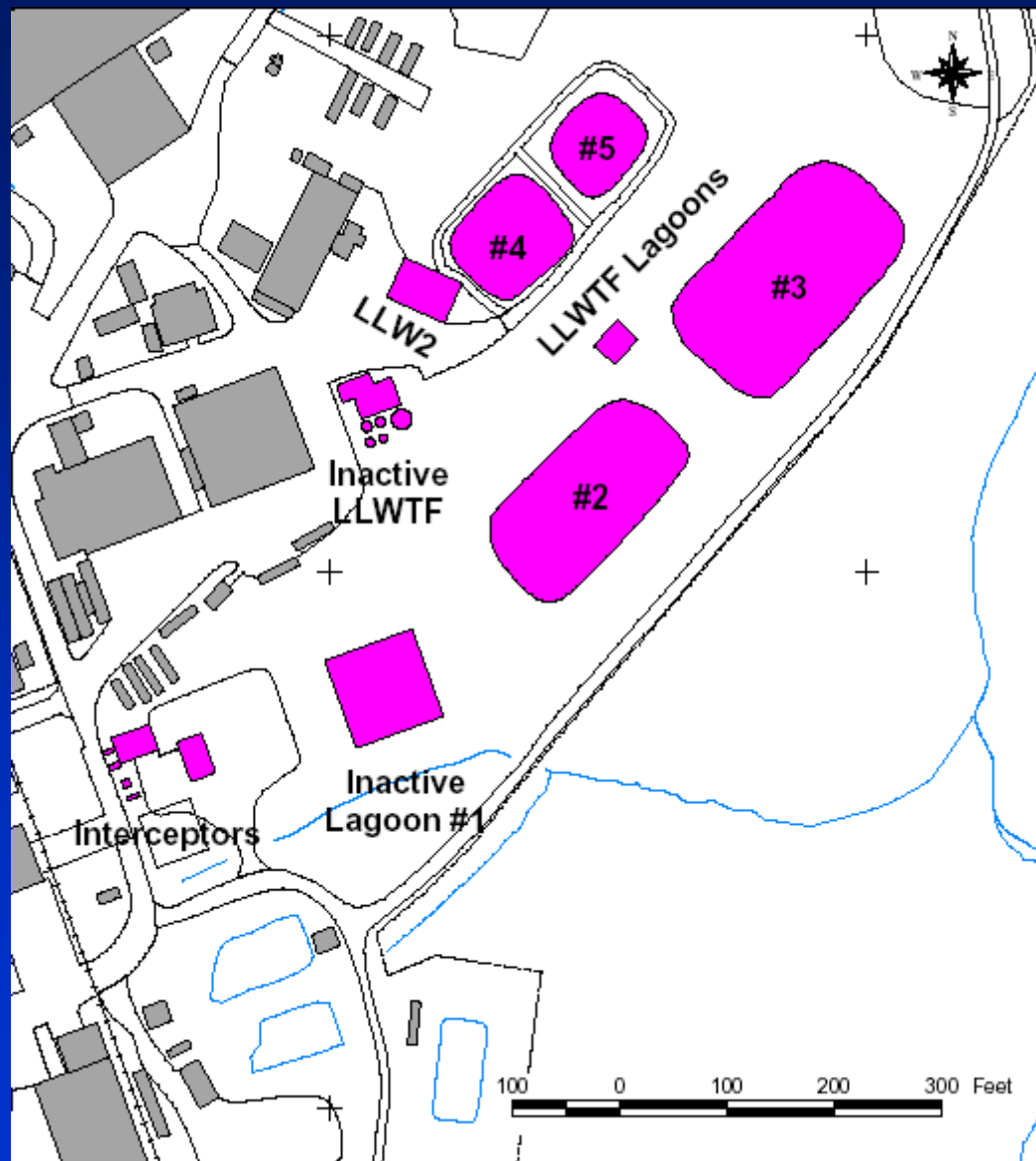


## *Waste Storage & Processing Facilities*





## *LLWTF/Lagoons*





## *Current Status of Activities*

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- Implementing Final Policy Statement
- Prescribes LTR as decommissioning criteria
- Flexibility to consider other approaches for parts of site where cleanup to LTR is prohibitively expensive/technically impractical
- Any exemption must meet Commission's expectation that all parts of site be decommissioned to extent technically and economically feasible



## *Current Status of Activities Cont'd*

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- DOE Decommissioning Plan (DP) will provide basis for NRC determination that proposed action meets LTR
- DOE intends to submit DP 9/04
- DOE DP will be consistent with Decommissioning EIS
- NRC will issue SER after issuance of Decommissioning EIS Record of Decision
- Recent public meeting with DOE to discuss DP scope





## *Current Status of Activities Cont'd*

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- Scope of DOE DP includes:
  - DOE's proposed action and demonstration of compliance
  - evaluation of residual radioactivity for entire site
  - planned decommissioning activities, radiological status of facility, dose modeling, ALARA analysis, and final status survey
  - incidental waste determination
- Scope of DOE DP does not include:
  - Near-term waste management and facility deactivation activities