



National Deactivation & Decommissioning Committee



**Facility Disposition
Long Range Planning Work Group
Status Report**

**D&D National Committee Meeting
Miami, Florida
April, 2001**



Facility Disposition Long Range Planning Working Group



Working Group Members

Mary McCune	HQ, Chairperson
John Reisenauer	INEEL
Dave Yannitell	SRS
Rich Nevarez	Albuquerque
Jim Bruce	INEEL
James Davis	Oakland



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Charter

- 1. Develop and facilitate the implementation of a standardized method for the long range planning of facility disposition activities;**
 - D&D Life Cycle mapping
 - ROM cost estimating
 - ROM waste volume estimates
- 2. Develop and facilitate the implementation of a user-friendly Rough Order of Magnitude (ROM) “Cost” and “Waste Volume” generation model.**
- 3. Assist in the development and implementation of a process for maintaining, expanding and updating the database that supports the ROM cost model and ROM waste volume generation model.**
- 4. Facilitate the usage of the ROM cost model as the model of choice for Long Range Planning of Facility Disposition Activities across the complex.**



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Completed Actions

- Integrated INEEL's actual D&D costs into ROM Cost Model
- Compared ROM results to detailed estimates for 20 Hanford 300 Area facilities.
- Provided ROM Model to the ACE team and have actively engaged the ACE team
- Added additional features to the ROM model based on site requests
- Completed developing draft Life Cycle Maps for the Hanford 300 area



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Planned Actions

- Update Life Cycle Maps for INEEL and SRS
- Continue to meet with ACE team
- Develop Draft Life Cycle Maps for:
 - Albuquerque (one site)
 - Portsmouth



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D&D Life Cycle Map Status



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D&D Life Cycle Map Status/Plans

Status:

- D&D Life Cycle Maps have been developed for INEEL
- D&D Life Cycle Maps have been developed for Hanford 300 Area facilities

Plans:

- Meet with Portsmouth
- Meet with Albuquerque
- Develop draft Life Cycle Maps from the new SRS ROM data



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ROM Cost Model Status



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D&D Life Cycle Map ROM Model Update

- Model is in an Access database for easier manipulation of data
- Several features have been added
- Model has been distributed to several sites and the ACE team



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D&D Life Cycle Map ROM Model Plans

- Develop a strategy document that identifies additional improvements
- Develop a CD for each site and seed each CD with available information from existing databases



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Applied Cost Engineering (ACE) Team
And
ROM Model Development Interaction



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Applied Cost Engineering (ACE) Team Meeting Status/Plans

Status:

- Currently working with ACE team
- Model has been loaded on several ACE team members computers

Plans:

- Participate at the next ACE team meeting
- Work with ACE team and sites to enhance the model capabilities



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Overview of "ROM" Estimate Comparison



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Comparison between the D&D LCM ROM Model and Hanford Detailed Estimates

Overview:

- Detailed estimates were provided for 20 Hanford site 300 Area buildings
- Results of the ROM model cost and waste volume estimates were compared to the Hanford site detailed estimates



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Sample cost and waste volume comparison between the ROM methodology and Hanford detailed estimates

Programmatic Results:

- Cost
- LLW
- MLLW
- Hazardous
- Industrial/Landfill