

Classified Material Disposition Task Group Update



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Waste Management Project
Nevada Test Site (NTS) Generator Workshop
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Classified Waste Disposal

- U.S. Department of Energy (DOE) Guidance 435.1-1
 - Classified waste is to be minimized
 - Documented evaluations that support maintaining the classification for either national security or economic reasons
 - Consider environment, safety and health, safeguards and security, proliferation, and total cost factors



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DOE Manual 470.4-4 Information Security

- Draft Order is in RevCom (Review & Comment)
- Requirements for permanent burial
 - Generator documents
 - Explanation as to why burial is necessary
 - Description of classified matter to be buried
 - Nevada Site Office (NSO) documents
 - Analysis demonstrating the equivalence of protection
 - Security risk assessment
 - Security plan for Area 5 Radioactive Waste Management Site
 - Assurance of undisturbed burial
 - Institutional control policy
- Point of contact for generator transportation security plans



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Generator Process

- Waste declaration
 - Documented sanitization efforts
 - Cost-benefit analysis
 - Environment, safety, health, proliferation, and total life-cycle costs must be evaluated in decision to send to NTS
- Approved by generator DOE security authority



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Sanitization Efforts

- Generators MUST justify not sanitizing
- Sanitization efforts must be exhausted prior to profiling classified waste to NTS



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NSO Cost-Benefit Analysis

- Preliminary results presented to Task Group April 15, 2008
- Eight alternatives analyzed
- Modified *No Action* = permanent burial without sanitization
 - Requires classified waste declaration
- Modular format to allow generators to use costs in their analyses



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NSO Actions

- Classified waste disposal facility designation
 - Includes documentation for permanent burial
 - Security risk assessment
 - Security plan
- NTS Waste Acceptance Criteria revision – later this year



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