



**DOE's Contingency Plan for a
Potential Waste Cell Breach**

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**Waste/ D&D Committee
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Project Background

- An estimated 3.7 million yd³ is expected to be generated during cleanup of the PGDP
- DOE is currently evaluating site wide disposal options :
 - Off-site disposal
 - On-site disposal
 - Combination of On-site and Off-site
- On-site alternative involves construction of CERCLA Class D waste cell (CERCLA cell)

Project Background

- In an effort to inform stakeholders and prepare them to provide timely input, DOE is hosting a series of public meetings on disposal options.
- Community is a proponent of the financial savings associated with on-site disposal,
- concerns have been expressed:
 - human health and safety
 - the environment
 - community economic repercussions

Recommendation

- **The PGDP CAB recommends that, as part of the evaluation of waste disposal options at the PGDP, DOE determine consequences of a containment failure to establish bounds on the consequences of containment failure and to put the risk to the public health and safety and the environment into perspective.**

It is anticipated that the DOE response will include:

- **a description of possible failure modes,**
- **how radioactive and/ or hazardous materials would be released and how quickly,**
- **a plan for repairing identified damages, and**
- **DOE's plans to minimize the consequences of a failure.**

Committee Position

- The Waste/ D&D Committee wants to ensure the members of the community, particularly plant neighbors, understand the risk – or lack thereof - associated with a possible CERCLA cell sited at PGDP
- The committee believes that by properly addressing this issue in a user-friendly manner DOE will be able to offset much of the concern for human health and the environment that will be raised by stakeholders and plant neighbors



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