



## GROUND-WATER CONTAMINATION EVENTS – REGIONAL PERSPECTIVE

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### Industry Initiative

- Variance in rigor and timeliness of program implementation
- Importance of understanding background and influence of routine effluent releases
- Local hydrology and regional hydrology
- Successful at providing timely identification of low level leaks and at enabling a timely response

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### Response to Contamination Events

- Aggressive action to identify the source of the contamination and mitigate the release of contamination
- Long-term monitoring to assess the extent of the contamination and its migration
- Assessment of any potential offsite release and evaluation of offsite consequences
- Communication with external stakeholders – State and local government officials and the community

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## Communications

- Sensitivity to external stakeholders views and needs
- Continuous, ongoing communication and relationship with external stakeholders
- Clearly and effectively communicate radiological risk

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## Remediation Activities

- Region III sites
  - Active pump and discharge operations
  - Natural attenuation
- Extensive ground-water monitoring and assessment of dispersion
- Coordination with State regulatory agencies

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## Lessons Learned

- Effective and continuous communications with external stakeholders
- Modeling of local hydrology
- Long-term commitment to ground-water monitoring

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