



## **Bilateral Exchange: Buried and Underground Piping**

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# Definitions

- Buried Piping
  - In contact with soil
- Underground piping
  - Below grade
  - In contact with air
  - Limited access

# Issue

- Recent leaks from buried or underground pipe at several plants
  - No immediate safety issues
  - Some tritium release
  - None approached offsite radiation dose limits
- Despite lack of safety or dose significance, there is significant public concern



# Regulatory Standard

- Regulatory issue if:
  - Loss of piping system's intended function
  - Exceed onsite or offsite radiation dose

# Discussion Topics

- Plant design related to buried pipe
- Operating Experience related to buried pipe
- Regulatory approach to tritium leaks
- Public relations regarding tritium leaks
- Corrosion prevention for buried pipe
  - Cathodic protection
- Inspection of buried pipe