

Industry Buried Piping Activities

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NEI

February 24, 2010



Review

- Integrity of buried piping systems is an important issue
 - Potential safety effects
 - Operational
 - Radiological
 - Environmental
 - Financial
- Industry attention to buried piping integrity is not new
 - EPRI
 - Ongoing research
 - Buried pipe initiative - 2007
 - Buried Piping Program Guidelines - 2008
 - INPO
 - Evaluations since 2007
 - Focus area in 2009
 - NEI Ground Water Initiative - 2007

Status

- Buried Piping Integrity Initiative passed on November 18, 2009
 - Commitment at the CNO level
 - Addresses all buried piping on site
 - Goal
 - Reasonable assurance of structural and leakage integrity of buried piping with special emphasis on piping that contains radioactive materials
- NEI Guideline (NEI 09-14, *Guideline for the Management of Buried Piping Integrity*) issued
- NEI Working Group and Task Force chartered

Summary

- Leaks from buried piping are occurring and can challenge public confidence
- Buried piping leakage is not a significant nuclear safety or radiological concern
- Initiative is a significant commitment
- Reasonable assurance as intended by the Initiative goal exceeds “adequate protection”
 - Industry activities are above and beyond regulatory requirements and result in margin with respect to public health and safety
 - Guaranteeing “no leakage” is not possible

Agenda

Industry/NRC Meeting on Buried Pipe

February 24, 2010

Time	Item	Presenter
8:30	Welcome and introductions	J Riley
8:45	NSIAC Initiative summary	J Riley
9:00	NEI Guideline description	C Burton
9:45	Initiative implementation Status Monitoring <ul style="list-style-type: none"> • Milestones • Leak events • Inspection technology 	<ul style="list-style-type: none"> • J Riley • J Sears • B Clark
10:15	Actions from previous meeting <ul style="list-style-type: none"> • Communicating lessons learned • Addressing new materials 	<ul style="list-style-type: none"> • B Clark, J Sears • B Clark
11:00	Adjourn	