

# **NEI - Buried Pipe Integrity Task Force**

## **EPRI Buried Pipe Integrity Group Update**

**David Smith**  
Program Manager-Balance of Plant Corrosion

**NRC/Industry Meeting on Buried Pipe**  
October 9<sup>th</sup>, 2013 White Flint, MD

# EPRI Buried Pipe Integrity Group (BPIG)

- Buried Pipe Integrity Group (BPIG) formed in 2008
- Membership
  - All US Nuclear utilities
  - International members from Canada, France, U. K., Brazil, and Korea
- Provides:
  - Forum for plant owners to discuss buried pipe issues and exchange experiences (OE Sharing)
  - Forum to obtain a consensus on industry issues
  - Technical support on buried pipe issues, as well as support for related products including BPWORKS™
  - Related training
  - Interface with Vendor Support
- Sponsor related R&D

# EPRI Buried Pipe Integrity Group (BPIG)

- The industry is actively engaged:
  - Meeting attendance and participation is strong

	February	July
2008	86	55
2009	76	70
2010	134	149
2011	174	165
2012	166	131
2013	128	113

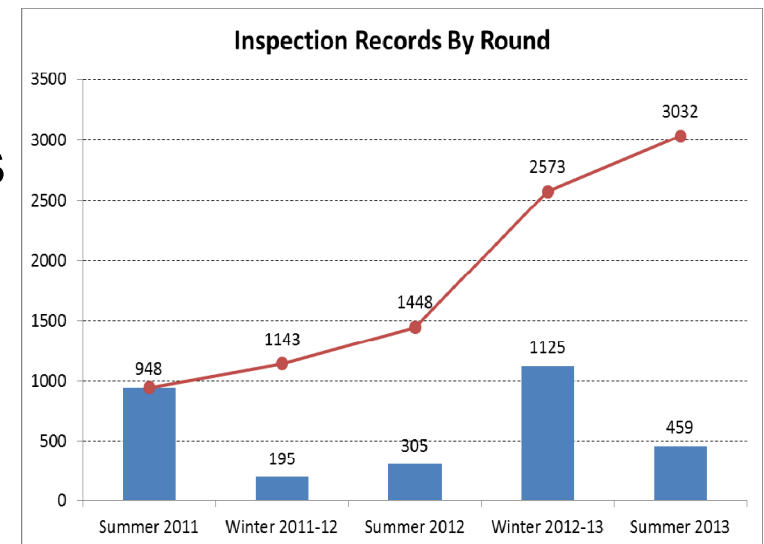
- Discussions have followed the phases of the Initiative
  - Early topics focused on programmatic issues
  - Current topics on implementation and inspection

# EPRI Buried Pipe Integrity Group (BPIG)

- Highlights from the July 2013 Meeting:
  - Utility Round Robin-Attendees discuss issues and successes
  - Utility operating experience presentations focused on inspection
  - NDE Technology Updates for piping and tanks
  - NRC, NEI, INPO, ASME, NACE, and ANI Updates
  - EPRI Project Updates

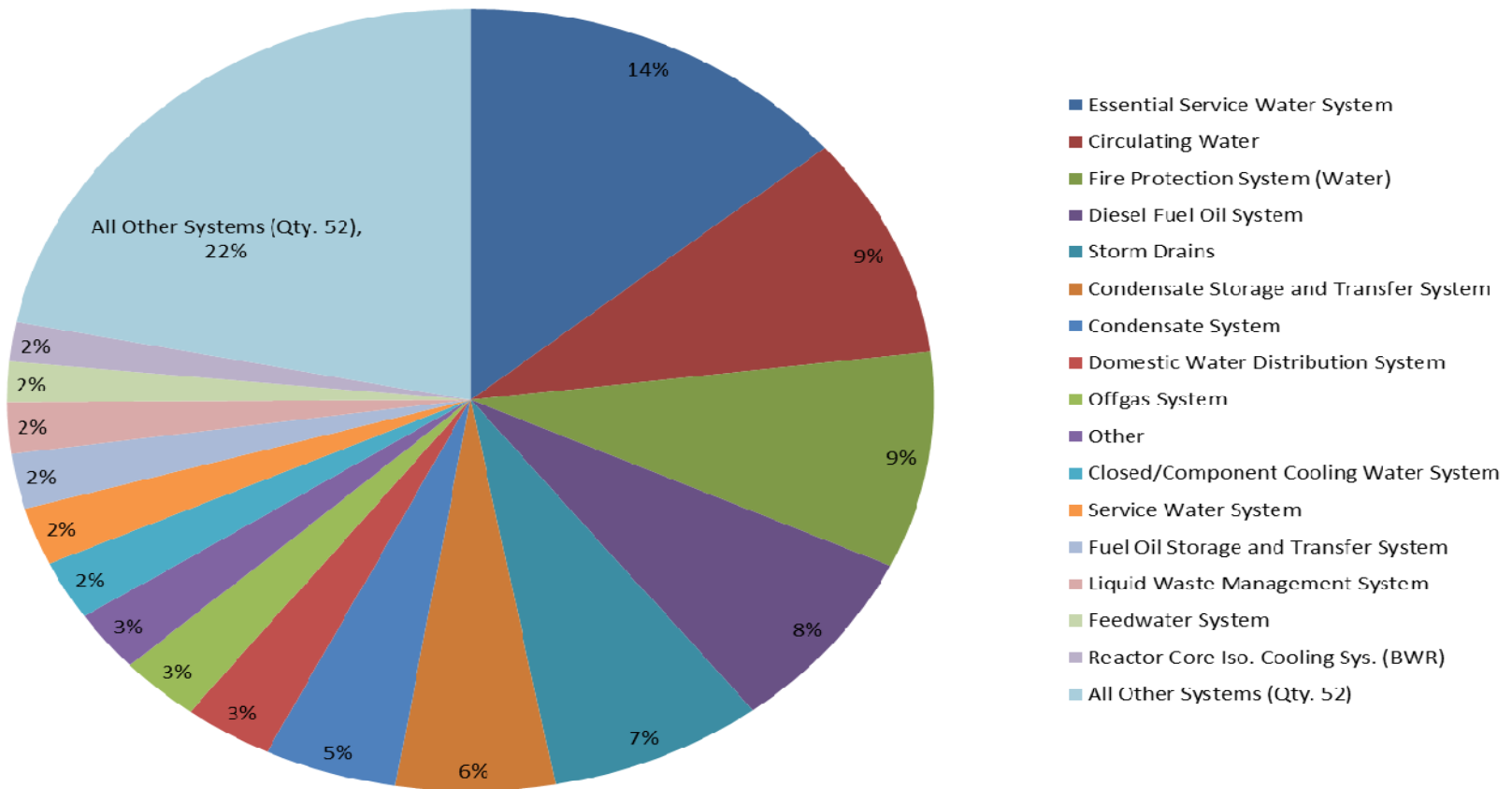
# Buried Pipe Inspection Results Database

- Developed to compile and share inspection results
  - Good data as well as bad data
  - Help determine where to inspect
  - May provide basis for optimized inspections
- NEI 09-14 requirement for reporting results
  - Updates provided at BPIG meetings
- Results to date (Summer 2013)
  - Total of 3032 inspection records
    - 273,824 feet inspected



# Inspections by System

Inspection Count % by Generic System



# EPRI's Cathodic Protection User Group (CPUG)

- CPUG was formed in 2011
  - Forum for plant owners to discuss CP issues and exchange experiences (OE Sharing)
  - Obtain a consensus on industry issues
  - Interface with Service Providers
  - Identify needed R&D
- Meets once per year
  - 3 web casts/year (May, Aug, Nov)
  - Planning for 2014 meeting in progress
- New Project
  - Guideline for CP System Self Assessments



# Together...Shaping the Future of Electricity