

# **Underground Piping and Tanks Integrity Initiative Implementation**

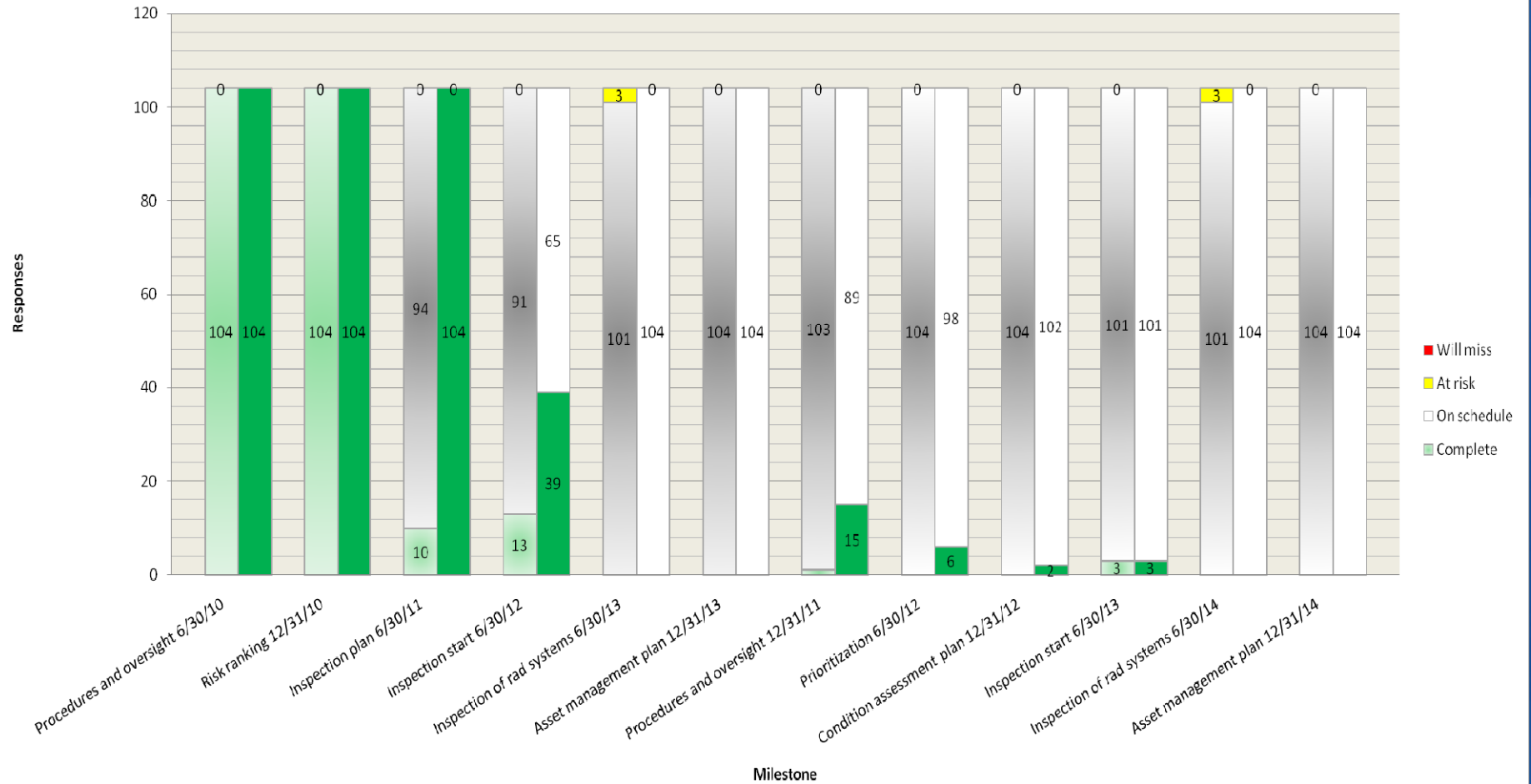
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# Overall Implementation Status

Status as of July 2011 (left bar in each couple is status from 6 months ago)



# Overall Implementation Status

- All plants report that the first three milestones are met
- Exceptions to the Initiative have not been reported
- All plants report that they are on schedule for future milestones
- Some plants may have started inspections but may not have reported them yet

## Operating Experience Observations

- Expectations for leakage and inspection results reporting were significantly changed in 2009
  - All leaks are to be reported
- The majority of leaks and inspection findings reported were not significant
- Historically, approximately 10% of leaks occur in systems that are safety related or contain licensed material

# NDE Technology

- Inspection methods and delivery tools are available
  - EPRI is conducting capability demonstrations for various technologies
  - Many of the vendors have limited resources and limited experience in the nuclear industry.
- Some technologies provide examination capabilities without excavation but require entry and retrieval access to the pipe.
- Challenges:
  - Appropriate implementation methods
  - Documenting technological capabilities and processes
  - Industry's inspection schedules will be aggressive
  - Demonstration of technologies in the field
- Industry is working on these challenges through EPRI

## Overall Observations

- No major new observations this period
  - Utilities are implementing the Initiative milestones as scheduled
  - No exceptions to the Initiative have been reported
- Important to keep the focus applied to inspection tool development
- The industry's inspection guidance document will be incorporated into NEI 09-14 with its next revision