

A large, stylized graphic of an atomic symbol, consisting of a central sphere and three elliptical orbits, is positioned on the left side of the slide, extending from the top to the bottom.

# **Generic Letter (GL) – Treatment of Natural Phenomena Hazards (NPH) in Fuel Cycle Facilities**

**March 29, 2017**

# Generic Letter 2015-01

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- On June 22, 2015, the staff issued GL 2015-01 (ADAMS ML14328A029)
- NRC staff has made significant progress on closure of GL 2015-01
- Goal of completing GL closure activities by summer 2017

# Generic Letter 2015-01

- Status of Activities:

- Westinghouse
  - ✓ Closure Letter issued
- AREVA
  - ✓ Closure Letter issued
- MOX Services
  - ✓ Closure Letter issued
- Honeywell
  - ✓ Closure Letter issued

- LES
  - ✓ TER issued
  - ☐ TI Inspection
  - ☐ Closure Letter
- AREVA Eagle Rock
  - Closure Letter
- GE-Hitachi
  - Closure Letter
- International Isotopes
  - Closure Letter
- American Centrifuge Plant
  - Closure Letter

Key

- ✓ Complete
- In progress
- ☐ Upcoming

# Generic Letter 2015-01

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## – BWXT Nuclear Operations Group

- TER (in concurrence)

- ☐ TI Inspection

- ☐ Closure Letter

## – Global Nuclear Fuels

- TER (full draft with holes)

- ☐ TI Inspection

- ☐ Closure Letter

## – Nuclear Fuel Services

- TER (full draft with holes)

- ☐ TI Inspection

- ☐ Closure Letter

# Generic Letter 2015-01

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- Challenges
  - Review of Integrated Safety Analyses
    - Implementation of ISA definitions for NPH
    - Technical basis for likelihood of initiating events
    - Technical basis to demonstrate adequate performance for IROFS and/or internal components under NPH loads

# Generic Letter 2015-01

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- Challenges
  - TI 2600-016 inspections
    - Consistency in ISA implementation for NPH
    - Management Measures – adequacy of management measures for IROFS under NPH loads

# Generic Letter 2015-01

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