Longstanding Leakage of Contaminated Water Petition

April 5, 2006

Background

- Who has reported longstanding leaks:
  - Palo Verde (March 2006)
  - Byron (February 2006)
  - Braidwood (December 2005)
  - Haddam Neck (October 2005)
  - Indian Point (September 2005)
  - Dresden (August 2004)
  - Salem (September 2002)
  - BWX Technologies (September 2000)
  - Brookhaven (January 1997)

Background

- Who has done the homework necessary to determine no other leaks have occurred / are occurring:

NOBODY!

Background

- What will the NRC Lessons Learned Task Force do to determine if other leaks have occurred / are occurring:

NOTHING!

Foreground

- What MUST been done to determine if other leaks have occurred / are occurring:

Grant our petition and issue Demands For Information to all applicable licensees seeking answers to the following five questions.

Questions Needing Answers

- What are the systems and components that contain radioactively contaminated water?

- What methods are being used to monitor leakage of radioactively contaminated water from the systems and components identified in response to question 1?

- What is the largest leak rate that can remain undetected by the monitoring methods identified in response to question 2?

Questions Needing Answers

- What methods are being used to monitor the grounds around the facility for potential leakage of radioactively contaminated water from the systems and components identified in response to question 1?

- What assurance is there against a leak of radioactively contaminated water into the ground around the facility from remaining undetected long enough to permit migration offsite in quantities exceeding federal regulations?

Pandora's Box?

- Federal regulations (if enforced) prevent the uncontrolled and unmonitored release of radioactively contaminated water.

- Numerous longstanding uncontrolled and unmonitored releases demonstrate that NRC is not effectively enforcing its federal regulations.

- NRC must enforce regulations intended to protect the public. If not …

Pandora's Box?