

**THIS MEETING NOTICE WAS UPDATED BY ADDING THE INFORMATION IN
YELLOW HIGHLIGHT ON THE SECOND PAGE**

April 8, 2010

MEMORANDUM TO: Joseph G. Giitter, Director
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Robert A. Nelson, Deputy Director */RA/*
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: PUBLIC WORKSHOP ON GROUNDWATER CONTAMINATION
AT NUCLEAR POWER PLANTS

DATE & TIME: Tuesday, April 20, 2010
10:00 a.m. – 4:30 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike,
Commissioners' Conference Room O1F16/O1G16
Rockville, Maryland 20852

PURPOSE: To obtain the perspectives of external stakeholders regarding
NRC's regulatory framework (i.e., regulations, guidance,
inspection, and enforcement) and planned activities involving
groundwater contamination at nuclear power plants. Additional
information is provided in Enclosure 1.

CATEGORY 2:* This is a Category 2 Meeting. The public is invited to participate in
this meeting by discussing regulatory issues with the NRC at
designated points identified on the agenda, Enclosure 2.

MEETING CONTACT: Sean Meighan, NRR
301-415-1020
sean.meighan@nrc.gov

* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings" (67 FR 36920), May 28, 2002.

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR) and the Office of the General Counsel (OGC).

NRC

U. Shoop, NRR
L. Rakovan, OEDO

Public

J. Abraham, Unicore Health
A. Marion, Nuclear Energy Institute
P. Musegaas, Riverkeeper
J. Till, Risk Assessment Corporation
W. D. Reece, Texas A&M University
David Scott, Radiation Safety & Control Svc
William Buscher, State of Illinois EPA
Anthony Honnellio, U.S. EPA, et al.

Interested members of the public may participate in this meeting via a toll-free audio teleconference. Please notify the meeting contact by 19 April, 2010, 12:00pm (Eastern Daylight Savings Time) to get the telephone number, and the pass code.

The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in a meeting, or need a meeting notice or a transcript or other information from a meeting in another format (e.g., Braille, large print), please notify the NRC's meeting contact. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

This meeting will be webcast and can be viewed at the time of the meeting at:
<http://video.nrc.gov/live/>

Enclosures:

1. Purpose and Objectives
2. Agenda

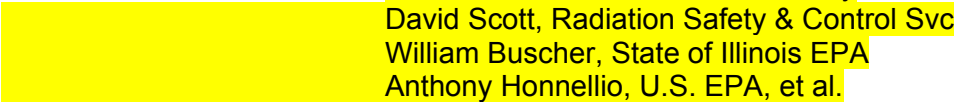
PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR) and the Office of the General Counsel (OGC).

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Enclosures:

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NAME	SMeighan	BClayton	RNelson	JGiitter	SMeighan
DATE	4/08/10	4/08/10	4/08/10	4/08/10	4/08/10

GROUNDWATER CONTAMINATION PUBLIC MEETING

PURPOSE AND OBJECTIVES

BACKGROUND

Recent incidents at several nuclear power plants involving contamination of groundwater have caused NRC licensees and the NRC to take actions to address the source of the contamination. While the actions in each case have been successful in identifying the source and ensuring that the licensee corrects the problem, the incidents have raised questions concerning the completeness of those actions and NRC's regulatory framework in this area. Some actions are still being implemented.

The NRC is evaluating whether the actions it has taken or it plans to take, in response to these incidents and to the recommendations made in the 2006 Liquid Radioactive Release Lessons Learned Task Force Final Report (ML062650312) need to be augmented. The scope of the review will include but not be limited to: industry experience and actions; health impacts; the regulatory framework; NRC inspection; enforcement and reporting; international perspectives; and communication with external stakeholders.

PURPOSE

To obtain the perspectives of external stakeholders regarding NRC's regulatory framework (i.e., regulations, guidance, inspection, and enforcement) and planned activities involving groundwater contamination at nuclear power plants.

OBJECTIVES

1. Explain NRC's regulatory framework, actions & planned activities.
2. Identify and discuss potential gaps in this/these framework/actions/activities.
3. Identify and discuss potential policy issues for the Commission's consideration.

FORMAT

Roundtable discussion by invited federal and state regulators, industry, academic, and public interest experts in an open forum. Each roundtable participant will have the opportunity to make a short presentation in his/her area of expertise followed by a facilitated discussion among the roundtable participants. Questions/concerns from other attendees and responses thereto will follow the roundtable discussion.

DATE/TIME/LOCATION

Tuesday, April 20, 2010, 10:00am – 4:30pm; Commissioners' Conference Room, US NRC HQ

REFERENCES

1. Memo from R.W. Borchardt, EDO, to Charles Casto, DRA RIV, and Bruce Mallett, DEDR, dated March 5, 2010, "Groundwater Contamination Task Force" (ML100640188).
2. "Liquid Radioactive Release Lessons Learned Task Force Final Report," September 1, 2006 (ML062650312). [Note: This reference includes a summary of NRC's regulatory framework and related recommendations, in Section 3.2, pages 15 – 29.]
3. SECY-09-0174, "Staff Progress in Evaluation of Buried Piping at Nuclear Reactor Facilities" (ML093160004).
4. Letter from Marvin Fertel, Nuclear Energy Institute, to William Kane, US NRC, dated July 31, 2006, "Industry Initiative on Groundwater Protection" (ML062260198).
5. "Industry Ground Water Protection Initiative – Final Guidance Document," NEI-07-07, August 2007 (ML091170588).
6. "Evaluation of Subsurface Radionuclide Transport at Commercial Nuclear Power Production Facilities," ANSI/ANS 2.17. [Note: Pending revision to the original standard that was withdrawn in 2000.]
7. "Groundwater Protection Guidelines for Nuclear Power Plants: Public Edition", EPRI-1016099, Electric Power Research Institute, January 2008 (ML091170595).
8. "Calculation of Annual Doses to Man from Routine Releases of Reactor Effluents for the Purpose of Evaluating Compliance with 10 CFR Part 50, Appendix I," Regulatory Guide .109

AGENDA

PUBLIC WORKSHOP ON GROUNDWATER CONTAMINATION AT NUCLEAR POWER

PLANTS

MEETING ON TUESDAY, APRIL 20, 2010

10:00 a.m. – 4:30 p.m.

- | | |
|---------------|--|
| 10:00 – 10:20 | Welcome. Ground Rules, Meeting Purpose and Agenda Review |
| 10:20 – 10:35 | Introductions of Roundtable Participants |
| 10:35 – 12:00 | Participant Presentations |
| 12:00 – 12:30 | Facilitated Public Questions & Answers |
| 12:30 – 1:30 | Break |
| 1:30 – 3:30 | Facilitated Roundtable Discussion |
| 3:30 – 4:30 | Facilitated Public Questions & Answers |
| 4:30 | Closing |