

September 10, 2015

MEMORANDUM TO: James Rubenstone, Acting Director
Yucca Mountain Directorate
Office of Nuclear Material Safety
and Safeguards

FROM: Christine Pineda, Project Manager */RA/*
Yucca Mountain Directorate
Office of Nuclear Material Safety
and Safeguards

SUBJECT: SUMMARY OF SEPTEMBER 3 PUBLIC MEETING ON THE NRC
STAFF'S DRAFT SUPPLEMENT TO THE DEPARTMENT OF
ENERGY'S EIS FOR THE PROPOSED REPOSITORY AT YUCCA
MOUNTAIN, NEVADA

On Thursday, September 3, 2015, members of the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 3 public meeting at the NRC's headquarters in Rockville, Maryland. The purpose of the meeting was to provide an overview of the NRC staff's draft supplement to the U.S. Department of Energy's environmental impact statements for the proposed high-level waste repository at Yucca Mountain, Nevada, and to accept public comments on the document. Participants had an opportunity to ask clarifying questions about the NRC's environmental review process. The meeting was viewable online via live webcast, and a teleconference line was available for remote participants to ask questions and present comments.

The public meeting began at 3:00 p.m. Eastern Time and concluded at approximately 5:00 p.m. The meeting began with an introduction of NRC staff and a review of meeting ground rules, followed by a presentation on the draft supplement. Meeting attendees were then given the opportunity to ask clarifying questions and present their comments. The NRC staff's slide presentation is available in the NRC's Agencywide Document Management and Access System (ADAMS) at Accession No. ML15246A197. The transcript for the meeting is available in ADAMS at Accession No. ML15253A669. The handouts provided at the meeting are available at ML15251A533 and ML15251A537, respectively.

The ADAMS public electronic reading room is accessible at <http://www.nrc.gov/reading-rm/adams.html>. Persons who do not have access to ADAMS, or who encounter problems in accessing documents located in ADAMS, should contact the NRC's Public Document Room reference staff at 1-800-397-4737, or via e-mail at pdr@nrc.gov. A video archive of the meeting can be found on the NRC's website at <http://video.nrc.gov>, under "Archived Videos." The video is dated September 3, 2015, and titled, "Public Meeting on Draft Supplement to Environmental Impact Statement for Proposed High-Level Waste Repository at Yucca Mountain, Nevada."

Approximately 55 people participated in the meeting, both in person and remotely using the teleconference line. Meeting attendees included members of the public, members of federal, state and local government organizations, and members of industry and public advocacy groups. A list of meeting attendees is attached to this summary.

Questions that were asked included: how the NRC staff accounted for changes in the repository inventory, including high-burnup spent nuclear fuel, in its analysis in the supplement; a request for clarification regarding when the NRC would issue a record of decision under the National Environmental Policy Act; requests for clarification concerning the NRC's adjudicatory process and the role of the NRC staff; whether a location other than Yucca Mountain had ever been investigated as a possible repository site; requests to extend the comment period beyond the announced 31 day extension; requests for the transcripts and meeting materials; and whether the NRC staff had plans in place in the event of a government shutdown.

Topics and concerns that were raised during the comment period included: the scope of the supplement; the accuracy of the supplement given several events that have occurred or decisions that have been made since the U.S. Department of Energy (DOE) submitted its license application in 2008; the supplement's reliance on DOE's model of repository performance; and whether the supplement would be peer-reviewed. Comments also concerned the potential for the proposed repository to leak contaminants into the groundwater and to contribute to cumulative groundwater impacts; the risks of transporting spent nuclear fuel; potential impacts on tribal populations and on low-income populations; the assumptions in the supplement concerning high-burnup spent fuel; concerns about the Waste Isolation Pilot Plant and the Hanford site; spent nuclear fuel storage canisters and the potential for stress corrosion cracking.

The NRC staff also received comments concerning the risks of radiation, especially to children and women; the credentials of the NRC staff; the potential and need to plan for accidents; calls to put the Yucca Mountain repository process on hold; concerns about not holding public meetings in California; the need for quality assurance in the NRC staff's review; destructive effects of radiation on human tissue; and concerns about the NRC staff's level of expertise available at the meeting.

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Enclosure: Meeting Attendees List

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(301) 415-6789

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CSafford (OGC)

AGendelman (OGC)

Miriam Juckett (mjuckett@swri.org)

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| OFFICE | NMSS/YMD | OGC | NMSS/YMD |
|--------|----------|-------------------------|--------------------------|
| NAME | CPineda | AGendelman via email | JRubenstone via email |
| DATE | 9/9/2015 | 9/10/2015 | 9/10/2015 |

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List of Attendees
Public Meeting on the NRC Staff's Draft Supplement to the
Department of Energy Environmental Impact Statements for the
Proposed Geologic Repository at Yucca Mountain, Nevada
September 3, 2015; 3:00 p.m. – 5:00 p.m.

| | First Name | Last Name | Organization or Affiliation (if known) |
|----|-------------------|------------------|---|
| 1 | William | Boyle | U.S. Department of Energy |
| 2 | Richard | Button | U.S. Environmental Protection Agency |
| 3 | Wei-Wu | Chao | Taiwan Atomic Energy Council |
| 4 | Kathy | Cortopassi | Closed Caption |
| 5 | Anne | Cottingham | Nuclear Energy Institute |
| 6 | Alan | Denko | U.S. Navy |
| 7 | Jeremy | Dillon | Exchange Monitor |
| 8 | Pat | Dostie | State of Maine |
| 9 | Gwen | Dubois | Chesapeake Physicians for Social Responsibility |
| 10 | Charles | Fitzpatrick | Citizen |
| 11 | Angela | Foster | U.S. Department of Energy |
| 12 | Kenneth | Freelain | International Definition |
| 13 | Donna | Gilmore | San Onofre Safety |
| 14 | Paula | Gotsch | Grandmothers, Mothers & More for Energy Safety |
| 15 | Erica | Gray | Citizen |
| 16 | Andrew | Griffith | U.S. Department of Energy |
| 17 | Maureen | Headington | Stand Up Save Lives Campaign |
| 18 | Ace | Hoffman | Nuke Free North County |
| 19 | Greg | James | Inyo County, Nevada |
| 20 | Abigail | Johnson | Eureka County, Nevada |
| 21 | Kevin | Kamps | Beyond Nuclear |
| 22 | Michael | Keegan | Don't Waste Michigan |
| 23 | William | Kinsella | North Carolina State University |
| 24 | Phil | Klevorick | Clark County Nuclear Waste Division |
| 25 | John | LaForge | Nukewatch |
| 26 | Tony | Leshinskie | State of Vermont |
| 27 | Bret | Leslie | Nuclear Waste Technical Review Board |
| 28 | Marvin | Lewis | Citizen |
| 29 | Marty | Malsch | Egan, Fitzpatrick, Malsch & Lawrence |
| 30 | Dennis | Nelson | Support and Education for Radiation Victims |
| 31 | David | O'Leary | Sierra Club Maryland Chapter |
| 32 | Mary | Olson | Nuclear Information and Resource Service |
| 33 | Daniel | Perez | Technician |
| 34 | Suzanne | Rhodes | League of Women Voters of South Carolina |
| 35 | Marthea | Rountree | U.S. Environmental Protection Agency |
| 36 | Gary | Sachs | Safe & Green Campaign |

| | First Name | Last Name | Organization or Affiliation (if known) |
|----|-------------------|------------------|---|
| 37 | David | Schultz | Bloomberg BNA |
| 38 | Barbara | Stevens | Volunteer, Nuclear Information and Resource Service |
| 39 | Ellen | Thomas | Women's International League For Peace & Freedom |
| 40 | Ruth | Thomas | Environmentalists, Inc. |
| 41 | Bob | Walker | U.S. Department of Energy |
| 42 | Heather | Westra | Prairie Island Indian Community |
| 43 | Chip | Cameron | Zero Gravity Group |
| 44 | Miriam | Juckett | Center for Nuclear Waste Regulatory Analyses |
| 45 | John | Stamatakos | Center for Nuclear Waste Regulatory Analyses |
| 46 | David | Decker | Nuclear Regulatory Commission |
| 47 | Randall | Fedors | Nuclear Regulatory Commission |
| 48 | Adam | Gendelman | Nuclear Regulatory Commission |
| 49 | Jack | Gwo | Nuclear Regulatory Commission |
| 50 | Dave | McIntyre | Nuclear Regulatory Commission |
| 51 | Nicholas | McMurray | Nuclear Regulatory Commission |
| 52 | Nicole | Noëlliste | Nuclear Regulatory Commission |
| 53 | Christine | Pineda | Nuclear Regulatory Commission |
| 54 | James | Rubenstein | Nuclear Regulatory Commission |
| 55 | Mike | Weber | Nuclear Regulatory Commission |