



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON NUCLEAR WASTE
WASHINGTON, D.C. 20555-0001

January 31, 2006

MEMORANDUM TO: ACNW Members
ACNW Staff

FROM: *Michele S. Kelton*
Michele S. Kelton
Technical Secretary, ACNW

SUBJECT: CERTIFIED MINUTES OF THE 165TH MEETING OF THE ADVISORY
COMMITTEE ON NUCLEAR WASTE (ACNW) NOVEMBER 14- 16, 2005

The proposed minutes of the subject meeting have been certified as the official record of the proceedings for that meeting.

Attachment:
Certified Minutes of the 165th Meeting
November 14-16, 2005

cc: A. Bates, SECY (O-16C1)
S. Jones, NMSS (T-8A23)
J. Dixon-Herrity, EDO (O-16E15)



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON NUCLEAR WASTE
WASHINGTON, D.C. 20555-0001

MEMORANDUM TO: Michael Scott, Branch Chief
ACRS/ACNW

FROM: Michael T. Ryan, Chairman
Advisory Committee on Nuclear Waste

SUBJECT: PROPOSED MINUTES OF THE 165TH MEETING OF THE
ADVISORY COMMITTEE ON NUCLEAR WASTE (ACNW)
NOVEMBER 14-16, 2005

I certify that, based on my review of these minutes¹, and to the best of my knowledge and belief, I have observed no substantive errors or omissions in the record of this proceeding subject to the comments noted below.

Comments:

Michael T. Ryan, Chairman

1/27/06

Date

¹ Minutes of the 165th Meeting of the ACNW held November 14-16, 2005, dated January 27, 2006.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON NUCLEAR WASTE
WASHINGTON, D.C. 20555-0001

January 27 2006

MEMORANDUM TO: Michael T. Ryan, Chairman
Advisory Committee on Nuclear Waste

FROM: *Michele S. Kelton*
Michele S. Kelton, Technical Secretary
Advisory Committee on Nuclear Waste

SUBJECT: PROPOSED MINUTES OF THE 165TH MEETING OF THE
ADVISORY COMMITTEE ON NUCLEAR WASTE (ACNW)
NOVEMBER 14-16, 2005

Enclosed are the proposed minutes of the 165th meeting of the ACNW. This draft is being provided to give you an opportunity to review the record of this meeting and provide comments. Your comments will be incorporated into the final certified set of minutes as appropriate. Please provide your corrections and comments to me.

Please note that these minutes are being issued in two parts: (1) main body (working copy form) and (2) appendices. The appendices are being sent only to those members who have requested them.

A copy of the certified minutes with appendices will be forwarded to each member.

Enclosure: As stated

cc w/o Encl. 2: ACNW Members
ACNW Staff

CONTENTS

	<u>Page</u>
I. Chairman's Report (Open)	1
II. Observations From the U.S. Environmental Protection Agency's October 2005 Public Meeting on Its Proposed Revisions to 40 CFR Part 197 (Open)	1
III. U.S. Nuclear Regulatory Commission's Plans for the Implementation of a Dose Standard for Beyond 10,000 Years (Open)	2
IV. Public Comment Session (Open)	3
V. ACNW Roundtable Discussion (Open)	6
VI. Reactive Transport Research and Generalized Composite Modeling (Open)	6
VII. Preparation for Commission Briefing on January 11, 2006 (Open)	7
VIII. White Paper on Low-Level Radioactive Waste (Open)	8

APPENDICES

- A **Federal Register Notice**
- B **Meeting Agenda**
- C **Meeting Attendees**
- D **Future Agenda**
- E **List of Documents Provided to the Committee and Meeting Notebook Contents**

CERTIFIED

1/27/2006

BY MICHAEL T. RYAN

Issued: 1/27/06

**CERTIFIED MINUTES OF THE 165TH MEETING OF THE
ADVISORY COMMITTEE ON NUCLEAR WASTE
NOVEMBER 14-16, 2005**

The U.S. Nuclear Regulatory Commission (NRC) Advisory Committee on Nuclear Waste (ACNW or the Committee) held its 165th meeting November 14-16, 2005, at Two White Flint North, 11545 Rockville Pike, Rockville, Maryland. The ACNW published a notice of this meeting in the *Federal Register* on November 3 and 14, 2005 (70 FR 66864 and 70 FR 69169, respectively) (Appendix A). This meeting served as a forum for attendees to discuss and take appropriate action on the items in the agenda (Appendix B). The entire meeting was open to the public.

A transcript of selected parts of the meeting is available in the NRC's Public Document Room at One White Flint North, Room 1F19, 11555 Rockville Pike, Rockville, Maryland. Copies of the transcript are available for purchase from Neal R. Gross and Company, Inc., 1323 Rhode Island Avenue, NW., Washington, DC 20005. Transcripts may also be downloaded from, or reviewed on, the Internet at <http://www.nrc.gov/reading-rm/doc-collections/acnw/tr/> at no cost.

ACNW Members Michael T. Ryan (ACNW Chairman), Allen G. Croff (ACNW Vice Chairman), James H. Clarke, William J. Hinze, and Ruth Weiner attended this meeting. For a list of other attendees, see Appendix C.

I. CHAIRMAN'S REPORT (OPEN)

[Michael Lee was the Designated Federal Official for this part of the meeting.]

Dr. Michael Ryan, ACNW Chairman, convened the meeting at 8:30 a.m. and briefly reviewed the agenda. He said that the meeting was being conducted in conformance with the Federal Advisory Committee Act. Dr. Ryan asked members of the public who were present and had something to say to inform the ACNW staff so that time could be allocated for them to speak.

**II. OBSERVATIONS FROM THE U.S. ENVIRONMENTAL PROTECTION AGENCY'S
OCTOBER 2005 PUBLIC MEETING ON ITS PROPOSED REVISIONS TO 40 CFR
PART 197 (OPEN)**

[Michael Lee was the Designated Federal Official for this part of the meeting.]

In a decision dated July 9, 2004, the U.S. Courts of Appeals for the District of Columbia Circuit found that the 10,000-year compliance period (time period of compliance or TOC) selected by the U.S. Environmental Protection Agency (EPA) for its Yucca Mountain site-specific standards at 40 CFR Part 197 violated Section 801 of Energy Policy Act of 1992 (EnPA). This decision

was in response to a 2001 complaint filed by the State of Nevada. The State argued that the EPA-specified 10,000 year timeframe for evaluating repository performance was not consistent with EnPA. In its decision, the Court vacated those parts of both the EPA and the NRC site-specific regulations that refer to the 10,000-year TOC.

In an August 22, 2005, *Federal Register* notice, EPA published proposed amendments to its public health and environmental radiation protection standards for Yucca Mountain in Part 197 for public comment. The deadline for the receipt of comments on the proposed revisions is December 21, 2005. EPA's proposed revisions and supporting technical basis documents can be found on EPA's Yucca Mountain radiation standard Web site.¹ In conjunction with the public comment process, EPA announced that it also intends to conduct public meetings to introduce the proposed revisions and solicit additional stakeholder comments on the revisions.

At an earlier ACNW planning and procedures meeting, the Committee requested that Dr. Weiner observe one of the scheduled public meeting sessions and provide her observations to the full Committee at a later date. During this meeting, Dr. Weiner reported her observations after attending an October 2005 meeting in Las Vegas, Nevada. Dr. Weiner said the format for the proposed public meeting was that EPA representatives introduced the key provisions of the revised Yucca Mountain standards and the supporting documentation. After the introduction, EPA representatives responded to questions from the public about the proposed revised standards, and then members of the public were invited to make formal comments for the record. EPA provided a transcription service at the meeting.

Dr. Weiner summarized EPA's positions on key changes to its standards. She also summarized major comments made by stakeholders and other participants at the public meeting. She said EPA intends to consider all the comments received during the public meeting process, along with any other written comments received directly by the EPA staff. Dr. Weiner also collected some material handed out at the public meeting, and this will be added to the ACNW record. The handouts include EPA-prepared fact sheets and position statements by stakeholders.

III. U.S. NUCLEAR REGULATORY COMMISSION'S PLANS FOR THE IMPLEMENTATION OF A DOSE STANDARD FOR BEYOND 10,000 YEARS (OPEN)

[Michael Lee was the Designated Federal Official for this part of the meeting.]

Consistent with the 2004 court decision and in parallel with the related EPA rulemaking, the Commission has proposed to amend its regulations in 10 CFR Part 63 for the disposal of high-level radioactive waste in the proposed Yucca Mountain repository. The revisions proposed in August 2005 would implement EPA's proposed standards for doses that could occur after 10,000 years but within the period of geologic stability (not to exceed 1 million years) by specifying an infiltration rate through Yucca Mountain. This specified infiltration rate is intended to reflect future changes in climate in the Yucca Mountain region to slightly more wetter conditions by accounting for ground water flux through the repository horizon as part of a total

¹Go to http://www.epa.gov/radiation/yucca/supporting_docs.htm.

system performance assessment. The deadline for the receipt of comments on the proposed NRC revisions is December 7, 2005.

The Committee heard a presentation from and held discussions with Dr. Janet Kotra, representing NRC's Office of Nuclear Materials Safety and Safeguards (NMSS), the lead program office for the NRC Part 63 rulemaking. Dr. Kotra assisted in the development of the proposed 2005 revisions to Part 63. During the course of her presentation, Dr. Kotra noted that EPA had published its proposed revisions for public comment. She added that the NRC staff intended to implement the revisions essentially as they are, without providing public comments. After a brief overview of the EPA's proposed revisions to its standards, Dr. Kotra described how the NRC intends to implement those revisions and the Commission's proposed treatment of climate using a time-dependent deep percolation rate to represent the effect of future climate change. To summarize, NRC proposes the use of a time-independent deep infiltration rate to represent the effect of future climate change in the Yucca Mountain region. Specifically, the staff is proposing a log uniformly distributed percolation range with a mean value approximately six times the current value commonly used (about 4 millimeters per year) in the Yucca Mountain performance assessment analyses. This prescribed percolation rate would be applied to the performance assessment calculations for a TOC of up to 1 million years.

After the presentation, there were several questions and comments from ACNW members and staff. At times Dr. Kotra was assisted in her response by Mr. Timothy McCartin, also representing NMSS. During the question and comment session, the staff representatives reminded the Committee that the scope of the proposed NRC rulemaking was limited to the specification of an infiltration rate and the statistical distribution for the rate over the TOC. Dr. Ryan said it would be useful for the Committee to understand what radionuclides from the original disposal inventory prove to be important later in a 1-million-year performance assessment calculation. The staff said EPA believed that the basis for the original 10,000-year calculation was suitable (i.e., good starting point) for projecting repository performance out to a TOC of 1 million years.

This briefing was for information purposes only. The staff intends to brief the Committee on the detailed technical basis for NMSS's proposed infiltration recommendation at the Committee's 166th meeting, in December 2005. At that meeting the Committee also expects briefings by subject matter experts who can independently advise the Committee on the reasonableness of the proposed NRC infiltration rate recommendation. The Committee also identified some technical areas of interest that the staff should address in the December 2005 briefing.

IV. PUBLIC COMMENT SESSION (OPEN)

[Michael Lee was the Designated Federal Official for this part of the meeting.]

Consistent with its approved action plan, the Committee has heard several briefings over the last year in preparation for reviewing the proposed revisions to the existing Yucca Mountain regulatory framework. For example, the Committee conducted two briefings (during its 156th and 157th meetings) on earlier ACNW advice related to an appropriate TOC for Yucca Mountain performance assessments; these briefings resulted in a letter to the Commission dated June

28, 2005.² The Committee was also briefed on the basis for the National Academy of Sciences' (NAS's) original 1995 TOC recommendations for the Yucca Mountain standards and on other peripheral issues during the 163rd meeting. Also at its 163rd meeting, the Committee was briefed on projected climate trends in the Yucca Mountain region and the possible implications for the regional groundwater flow system.

Consistent with past direction, the Committee has also provided stakeholders with the opportunity to comment on regulatory matters undergoing review by the Commission. The ACNW heard the State of Nevada's preliminary views on stakeholder-recommended regulatory approaches to addressing the 2005 court remand the 157th meeting and the Electric Power Research Institute's (EPRI's) views at the 159th meeting.

In a *Federal Register* notice dated August 22, 2005, EPA published proposed amendments to its public health and environmental radiation protection standards for Yucca Mountain in Part 197 for public comment. Soon after, NRC proposed to amend its regulations in Part 63 for the disposal of HLW in a proposed Yucca Mountain repository by specifying an infiltration rate intended to reflect future changes in climate in the Yucca Mountain region.

The ACNW heard additional views on the revisions being proposed to the Yucca Mountain regulatory framework from the following stakeholders:

<i>Spokesperson:</i>	<i>Affiliation:</i>
Dr. Dade Moeller	Chairman of the Board, Dade Moeller and Associates
Dr. Thomas Tenforde	President, National Council on Radiation Protection and Measurements (NCRP) ³
Dr. Matthew Kozak	Monitor Scientific (representing EPRI)
Martin Malsch, Esquire	The law firm of Egan, Fitzpatrick, Malsch, and Cynkar (representing the State of Nevada)

Comments by Dr. Moeller: In its August 2005 proposal, EPA recommended a 350-mrem dose limit of natural background radiation to the Yucca Mountain repository during the post-10,000-year TOC. Dr. Moeller commented on the reasonableness of the EPA dose-limit by providing an independent (critical) technical assessment of the proposal. He outlined an alternative approach to calculating the level of natural background radiation in the Yucca Mountain region.⁴ His alternative calculations (approach) indicates a lower background

²"Definition of a Timespan of Regulatory Compliance for a Geological Repository at Yucca Mountain"

³Dr. Tenforde said at the outset of his talk that the views he was expressing were his own and not those of the NCRP.

⁴Dr. Moeller's alternative dose calculation methodology is described in a paper entitled "Comparison of Natural Background Dose Rates for Residents of the Amargosa Valley, NV, to

radiation dose estimate than EPA's. Dr. Moeller also said that potential releases of materials from the Yucca Mountain repository should be subject to public dose limits currently recommended by the NCRP and/or the International Commission on Radiation Protection (ICRP) of 0.25 millisievert per year.

Comments by Dr. Tenforde: Dr. Tenforde began his presentation with a historical overview of the evolution of public dose limits and, in doing so, highlighted earlier work of the NCRP that contributed to those dose limits. He reviewed EPA's regulatory dose limits in 40 CFR Part 191 ("Environmental radiation protection standards for management and disposal of spent nuclear fuel, high-level and transuranic radioactive wastes"). He then commented on the reasonableness of the EPA dose-limit proposal for the 10,000–1 million year time period for regulatory interest. He said the 23-fold increase was difficult to justify both "scientifically and sociopolitically." Dr. Tenforde said EPA's pre-10,000-year public dose limit should remain unchanged with the understanding that the limit will be changed based on new science derived from a consensus of the appropriate national and international organizations. He said the proposed Yucca Mountain repository should be subject to public dose limits recommended by the NCRP⁵ (and the ICRP) for the purpose of limiting the public dose of 0.25 millisievert per year.

Comments by Dr. Kozak: Dr. Kozak's comments focused primarily on the proposed treatment of future climate states in a total system performance assessment for Yucca Mountain and NRC's proposed infiltration rate parameter estimate for use in the assessment. His presentation drew in part on material previously presented to the Committee at its 159th meeting.⁶ Based on a review of the literature, Dr. Kozak said the NRC-supported infiltration estimates were consistently higher than other published estimates in the literature. Dr. Kozak said EPRI did not agree with the proposed approach of addressing future climate states in the rulemaking because of scientific uncertainties in predicting future system states. He said that using present-day climatic conditions in the Yucca Mountain region represents a reasonable alternative approach to the modeling of the long-term (future) climate state.

Dr. Kozak concluded his presentation with an update of recent performance assessment activities by EPRI in the area of igneous activity. He referred to an August 2005 report documenting updated analyses of the modeling of magma-repository interactions. The report, "Potential Igneous Processes Relevant to the Yucca Mountain Repository: Intrusive-Release Scenario, Analyses, and Implications," is publicly available on EPRI's Web site.

those in Leadville, CO, and the State of Nevada." A copy of this paper was provided to the Committee as part of the ACNW meeting record.

⁵Citing NCRP Statement No. 6, dated 1984, on "Control of Air Emissions of Radionuclides."

⁶At that meeting, EPRI representatives presented an interim report entitled "Yucca Mountain Licensing Standard Options for Very Long Time Frames—Technical Bases for the Standard and Compliance Assessments." The report addresses potential regulatory approaches for implementing the ruling that are based on and consistent with the NAS's 1995 findings and recommendations. The report also argues that some components of the Yucca Mountain system, particularly future climate in the YMR, will need to be treated fundamentally differently if the TOC is extended beyond 10,000 years.

Comments by Mr. Malsch: Mr. Malsch said that his comments were preliminary and that the State of Nevada was preparing detailed comments on the proposed EPA and NRC rulemakings. He said the EPA proposed rulemaking suffered from nine "fatal" flaws:

- It was scientifically unfounded.
- It contradicted the Cohen Report⁷.
- It was internally inconsistent.
- It was inconsistent with existing NRC and EPA regulatory practices.
- It violated international law with respect to intergenerational equity.
- It transcended EPA's regulatory authority.
- It was contrary to well-established practices of ethics and morality.
- It was contrary to NAS's 199 findings and recommendations.⁸
- It was based on limited performance assessment results.

Regarding the proposed NRC rulemaking, Mr. Malsch said the State had not yet formulated any specific comments *per se*. He said the State was considering some preliminary questions, which were likely to form the basis for comments to the NRC staff. He discussed these questions during the rest his presentation.

During and after each of the presentations, the speakers responded to clarifying questions and comments from the ACNW members and staff.

V. ACNW ROUNDTABLE DISCUSSION (OPEN)

[Michael Lee was the Designated Federal Official for this part of the meeting.]

The briefing topics scheduled for the ACNW's November meeting were intended to provide the Committee with additional information on the scope of changes proposed to the Yucca Mountain regulatory framework and on the basis for the changes. As noted above, the NMSS staff will brief the Committee on the detailed technical basis for NMSS's proposed infiltration recommendation at the Committee's 166th meeting in December 2005. During that meeting the Committee also expects briefings by subject matter experts who can independently advise the Committee on the reasonableness of the proposed NRC infiltration rate recommendation. Consequently, the Committee deferred additional discussion of this issue until after the remaining briefings on the proposed changes to the Yucca Mountain regulatory framework. The Committee will then decide whether to provide advice to the Commission in a letter report.

VI. REACTIVE TRANSPORT RESEARCH AND GENERALIZED COMPOSITE MODELING (OPEN)

[Richard Savio was the Designated Federal Official for this part of the meeting.]

ACNW member Dr. Ruth Weiner and Office of Nuclear Regulatory Research (RES) representative Dr. William Ott introduced three presentations on chemical interaction in soils that signifi-

⁷"Assessment of Variations in Radiation Exposure in the United States," July 2005.

⁸"Technical Bases for Yucca Mountain Standards"

cantly affect the radionuclide transport process: (1) NRC-sponsored work at Sandia National Laboratories (SNL) on molecular modeling and advanced sorption characterization techniques, (2) insights gained from RES's participation in the Federal Interagency Workshop on Reactive Transport Modeling and the Interagency Steering Group on Multimedia Environmental Models (ISGMEM), and (3) the status of work being done in Phase II of the Nuclear Energy Agency (NEA) Sorption Project.

Dr. Susan Altman and Dr. Randall Cygan described the SNL work on the mechanistic modeling of radionuclide sorption in soils. Understanding the sorption process is critical to modeling radionuclide transport and assessing site performance. The object of this work is to provide a mechanistic, science-based understanding of the retardation of radionuclide migration associated with chemical sorption processes.

Under an interagency memorandum of understanding, the NRC staff has been participating in the activities of a Federal interagency multimedia environmental modeling group. The group sponsored an April 2004 international workshop at SNL that was attended by representatives of academia and several Federal agencies. The goal of the workshop was to evaluate recent progress made in modeling the process controlling field-scale migration of inorganic solutes. The participants endorsed (1) publishing a guidance document addressing the use of conceptual models for sorption, (2) computing and publishing the current database for sorption model parameters, (3) investigating the application of surface complexation modeling to sorption in fracture rock systems and within vadose zones, and (4) supporting long-term research at field sites to develop and test reactive transport models.

Radionuclide sorption is an important process in the migration of contaminants to the biosphere. Adequate modeling of the process is essential to the evaluation of radionuclide retardation in performance assessments. Equilibrium distribution coefficients (K_d) are generally used to characterize sorption. For most radionuclides these coefficients are sensitive to the geochemical conditions in the soil and may have important spatial or temporal variations.

Confidence in the prediction of sorption process in performance assessments can be improved if it can be shown that (1) the important physical-chemical processes are sufficiently well understood, and (2) models reflect this understanding to the extent that variations in K_d are adequately represented.

Phase II of the NEA sorption project involves a series of benchmarking tests by 18 organizations and 13 countries. Seven benchmark test cases were chosen to represent a range of site conditions and modeling tests.

VII. PREPARATION FOR COMMISSION BRIEFING ON JANUARY 11, 2006 (OPEN)

[Sharon Steele was the Designated Federal Official for this part of the meeting.]

The Committee reviewed and revised draft slides in preparation for the Commission briefing on January 11, 2006. The slides will be finalized and the members will dry-run their presentations at the December 2005 Committee meeting.

VIII. WHITE PAPER ON LOW-LEVEL RADIOACTIVE WASTE (OPEN)

[Michael Lee was the Designated Federal Official for this part of the meeting.]

The Committee considered a revised outline for the white paper. The paper will consist of a legislative and regulatory history background, discussions of 10 CFR Part 61, and an "opportunities" section based on the previous parts. The Committee will continue developing the white paper and will have a near-final version during the December meeting.

The meeting adjourned at 12:40 p.m. on Wednesday, November 16, 2005.

properties of the sources of these gamma rays.

VERITAS would consist of an array of four identical telescopes, and ancillary facilities such as control building, communications links, and an access road with underground utilities. The preferred alternative site for VERITAS is a 10-hectare (25-acre) parcel in an area located west of the top of Kitt Peak in Horsehoe Canyon. The proposed project area is within the Kitt Peak National Observatory (KPNO) area leased by NSF from the Tohono O'odham Nation. A 4-hectare (10-acre) site known as Montosa Canyon, located in the Coronado National Forest in southern Arizona, is also evaluated as an alternative site. Under the no action alternative, NSF and DOE would make no further funds available for the construction of the VERITAS project.

Issued in Arlington, VA.

Lawrence Rudolph,

General Counsel, National Science Foundation.

[FR Doc. 05-22544 Filed 11-10-05; 8:45 am]

BILLING CODE 7555-01-M

NUCLEAR REGULATORY COMMISSION

Advisory Committee on Nuclear Waste; Revised Notice of Meeting

The agenda for the 165th ACNW meeting scheduled to be held on November 14-16, 2005 has been revised to reflect the changes noted below. Notice of this meeting was previously published in the *Federal Register* on Thursday, November 3, 2005 (70 FR 66864).

Monday, November 14, 2005

- **10:15 a.m.-12:15 p.m.: Public Comment Session (Open)**—The Committee will hear presentations from and hold discussions with interested stakeholders on the issues discussed during the earlier sessions. Scheduled presenters include: Dr. Dade Moeller, Chairman of the Board, Dade Moeller and Associates; Dr. Thomas Tenforde, President, National Council on Radiation Protection; Dr. John Kessler, Manager, Electric Power Research Institute High-Level Waste and Spent Nuclear Fuel Program; and Mr. Martin Malsh, Esq., State of Nevada.

- **1:30 p.m.-3:30 p.m.: Public Comment Session—Continued (Open)**—The Committee will continue to hear presentations from and hold discussions with interested stakeholders on the

issues discussed during the earlier sessions.

- **3:45 p.m.-4:15 p.m.: ACNW Roundtable Discussion (Open)**—The Committee will review the matters discussed from the previous public sessions and decide whether it intends to provide advice to the Commission.

- **4:15 p.m.-5:30 p.m.: Preparation of ACNW Reports/Letters (Open)**—The Committee will discuss proposed ACNW reports on matters considered during this meeting.

Tuesday and Wednesday, November 15-16, 2005

The agenda for Tuesday and Wednesday, November 15-16, 2005 remain the same as previously announced in the *Federal Register* on November 3, 2005.

For further information, contact Ms. Sharon A. Steele (telephone 301-415-6805) between 7:30 a.m. and 4 p.m., ET.

Dated: November 7, 2005.

Andrew L. Bates,

Advisory Committee Management Officer.

[FR Doc. E5-6244 Filed 11-10-05; 8:45 am]

BILLING CODE 7590-01-P

NUCLEAR REGULATORY COMMISSION

Advisory Committee on Reactor Safeguards Subcommittee Meeting on Power Upgrades; Notice of Meeting

The ACRS Subcommittee on Power Upgrades will hold a meeting on November 29-30, 2005, Room T-2B3, 11545 Rockville Pike, Rockville, Maryland.

The agenda for the subject meeting shall be as follows:

Tuesday, November 29, 2005-8:30 a.m. until the conclusion of business.

Wednesday, November 30, 2005-8:30 a.m. until the conclusion of business. The Subcommittee will review the application by Entergy Nuclear Northeast (Entergy) for an extended power uprate for the Vermont Yankee Nuclear Power Station. The Subcommittee will hear presentations by and hold discussions with representatives of the NRC staff, their contractors, Entergy and other interested persons regarding this matter. The Subcommittee will gather information, analyze relevant issues and facts, and formulate proposed positions and actions, as appropriate, for deliberation by the full Committee.

Members of the public desiring to provide oral statements and/or written comments should notify the Designated

Federal Official, Mr. Ralph Caruso (Telephone: 301-415-8065) five days prior to the meeting, if possible, so that appropriate arrangements can be made. Electronic recordings will be permitted. Signs will not be permitted in the meeting room.

Further information regarding this meeting can be obtained by contacting the Designated Federal Official between 7:30 a.m. and 4:15 p.m. (e.t.). Persons planning to attend this meeting are urged to contact the above named individual at least two working days prior to the meeting to be advised of any potential changes to the agenda.

Dated: November 4, 2005.

Michael L. Scott,

Branch Chief, ACRS/ACNW.

[FR Doc. E5-6245 Filed 11-10-05; 8:45 am]

BILLING CODE 7590-01-P

SECURITIES AND EXCHANGE COMMISSION

Sunshine Act Meeting

FEDERAL REGISTER CITATION OF PREVIOUS ANNOUNCEMENT: [70 FR 67765, November 8, 2005].

STATUS: Closed Meeting.

PLACE: 100 F Street, NE., Washington, DC.

DATE AND TIME OF PREVIOUSLY ANNOUNCED MEETING: Thursday, November 10, 2005 at 10 a.m.

CHANGE IN THE MEETING: Time change/deletion of items.

The Closed Meeting scheduled for Thursday, November 10, 2005 at 10 a.m. has been changed to Thursday, November 10, 2005 at 9:30 a.m.

The following items will not be considered during the Thursday, November 10, 2005 *Closed Meeting*:

Opinion; and
Regulatory matter bearing enforcement implications

At times, changes in Commission priorities require alterations in the scheduling of meeting items. For further information and to ascertain what, if any, matters have been added, deleted or postponed, please contact the Office of the Secretary at (202) 551-5400.

Dated: November 9, 2005.

Jonathan G. Katz,

Secretary.

[FR Doc. 05-22585 Filed 11-9-05; 11:13 am]

BILLING CODE 8010-01-P

Dated: October 27, 2005.
Rebecca Danvers,
Director, Research and Technology
 [FR Doc. 05-21930 Filed 11-2-05; 8:45 am]
 BILLING CODE 7036-01-M

NATIONAL FOUNDATION ON THE ARTS AND THE HUMANITIES

Federal Council on the Arts and the Humanities Arts and Artifacts Indemnity Panel Advisory Committee; Notice of Meeting

Pursuant to the provisions of the Federal Advisory Committee Act (Pub. L. 92-463 as amended) notice is hereby given that a meeting of the Arts and Artifacts Indemnity Panel of the Federal Council on the Arts and the Humanities will be held at 1100 Pennsylvania Avenue, NW., Washington, DC 20506, in Room 730, from 9 a.m. to 5 p.m., on Monday, November 14, 2005.

The purpose of the meeting is to review applications for Certificates of Indemnity submitted to the Federal Council on the Arts and the Humanities for exhibitions beginning after January 1, 2006.

Because the proposed meeting will consider financial and commercial data and because it is important to keep values of objects, methods of transportation and security measures confidential, pursuant to the authority granted me by the Chairman's Delegation of Authority to Close Advisory Committee Meetings, dated July 19, 1993, I have determined that the meeting would fall within exemption (4) of 5 U.S.C. 552(b) and that it is essential to close the meeting to protect the free exchange of views and to avoid interference with the operations of the Committee.

It is suggested that those desiring more specific information contact Advisory Committee Management Officer, Michael McDonald, 1100 Pennsylvania Avenue, NW., Washington, DC 20506, or call 202/606-8322.

Michael McDonald,
Advisory Committee Management Officer.
 [FR Doc. 05-21944 Filed 11-2-05; 8:45 am]
 BILLING CODE 7536-01-P

NATIONAL FOUNDATION ON THE ARTS AND THE HUMANITIES

National Council on the Humanities; Meeting

October 31, 2005
 Pursuant to the provisions of the Federal Advisory Committee Act (Pub.

L. 92-463, as amended) notice is hereby given the National Council on the Humanities will meet in Washington, DC on November 17-18, 2005.

The purpose of the meeting is to advise the Chairman of the National Endowment for the Humanities with respect to policies, programs, and procedures for carrying out his functions, and to review applications for financial support from and gifts offered to the Endowment and to make recommendations thereon to the Chairman.

The meeting will be held in the Old Post Office Building, 1100 Pennsylvania Avenue, NW., Washington, DC. A portion of the morning and afternoon sessions on November 17-18, 2005, will not be open to the public pursuant to subsections (c)(4), (c)(6) and (c)(9)(B) of section 552b of Title 5, United States Code because the Council will consider information that may disclose: Trade secrets and commercial or financial information obtained from a person and privileged or confidential; information of a personal nature the disclosure of which would constitute a clearly unwarranted invasion of personal privacy; and information the premature disclosure of which would be likely to significantly frustrate implementation of proposed agency action. I have made this determination under the authority granted me by the Chairman's Delegation of Authority dated July 19, 1993.

The agenda for the sessions on November 17, 2005 will be as follows:

Committee Meetings

(Open to the Public)

Policy discussion

9-10:30 a.m.

Challenge Grants—Room 420.

Education Programs—Room M-07.

Federal/State Partnership—Room 507.

Preservation and Access—Room 415.

Research Programs—Room 315.

(Closed to the Public)

Discussion of specific grant applications and programs before the Council.

10:30 a.m. until Adjourned

Challenge Grants—Room 420.

Education Programs—Room M-07.

Federal/State Partnership—Room 507.

Preservation and Access—Room 415.

Research Programs—Room 315.

The morning session on November 18, 2005 will convene at 9 a.m., in the 1st Floor Council Room M-09, and will be open to the public, as set out below. The agenda for the morning session will be as follows:

A. Minutes of the Previous Meeting.

B. Reports.

1. Introductory Remarks.
2. Staff Report.
3. Congressional Report.
4. Budget Report.
5. Reports on Policy and General Matters.
 - a. Challenge Grants.
 - b. Education Programs.
 - c. Federal/State Partnership.
 - d. Preservation and Access.
 - e. Research Programs.

The remainder of the proposed meeting will be given to the consideration of specific applications and closed to the public for the reasons stated above.

Further information about this meeting can be obtained from Mr. Michael P. McDonald, Advisory Committee Management Officer, National Endowment for the Humanities, 1100 Pennsylvania Avenue, NW., Washington, DC 20506, or by calling (202) 606-8322, TDD (202) 606-8282. Advance notice of any special needs or accommodations is appreciated.

Michael P. McDonald,
Advisory Committee, Management Officer.
 [FR Doc. 05-21943 Filed 11-2-05; 8:45 am]
 BILLING CODE 7536-01-P

NUCLEAR REGULATORY COMMISSION

Advisory Committee on Nuclear Waste; Notice of Meeting

The Advisory Committee on Nuclear Waste (ACNW) will hold its 165th meeting on November 14-16, 2005, Room T-2B3, Two White Flint North, 11545 Rockville Pike, Rockville, Maryland.

The schedule for this meeting is as follows:

Monday, November 14, 2005

8:30 a.m.-8:45 a.m.: *Opening Statement (Open)*—The ACNW Chairman will make opening remarks regarding the conduct of today's sessions.

8:45 a.m.-9:15 a.m.: *Observations from the U.S. Environmental Protection Agency's (EPA's) October 2005 Public Meeting on its Proposed Revisions to 40 CFR Part 197 (Open)*—EPA recently held public hearings on its proposed amendments to the public health and environmental radiation protection standards for Yucca Mountain, Nevada, found at 40 CFR Part 197. The Committee will receive a report from one of its Members who observed one of the public hearings.

9:15 a.m.-10 a.m.: *U.S. Nuclear Regulatory Commission (NRC's) Plans*

for the Implementation of a Dose Standard After 10,000 Years (Open)—NRC is proposing to amend its regulations at 10 CFR Part 63 that govern the disposal of high-level radioactive wastes in a proposed geologic repository at Yucca Mountain. The proposed rule would implement EPA's proposed standards for doses that could occur after 10,000 years but within the period of geologic stability. The Committee will hear a presentation from and hold discussions with a representative from NRC's Office of Nuclear Materials Safety and Safeguards on the proposed revisions.

10:15 a.m.—12:15 p.m.: Reasonableness of the NRC Infiltration Assumption (Tentative) (Open)—NRC's proposed rule change at Part 63 also specifies a value to be used to represent climate change after 10,000 years, as called for by EPA. The Committee will hear presentations from and hold discussions with knowledgeable subject matter experts on the reasonableness of NRC's proposed infiltration assumption.

1:30 p.m.—5:30 p.m.: Public Comment Session (Open)—The Committee will hear presentations from and hold discussions with interested stakeholders on the issues discussed during the earlier sessions. Scheduled presenters include: Dr. Dade Moeller, Chairman of the Board, Dade Moeller and Associates; Dr. Thomas Tenforde, President, National Council on Radiation Protection; Dr. John Kessler, Manager, Electric Power Research Institute High-Level Waste and Spent Nuclear Fuel Program; and Mr. Martin Malsh, Esq., State of Nevada.

5:30 p.m.—6 p.m.: ACNW Roundtable Discussion (Open)—The Committee will review the matters discussed from the previous public sessions and decide whether it intends to provide advice to the Commission.

Tuesday, November 15, 2005

8:30 a.m.—8:45 a.m.: Opening Statement (Open)—The ACNW Chairman will make opening remarks regarding the conduct of today's sessions.

8:45 a.m.—10:45 a.m.: Reactive Transport Research (Open)—The Committee will hear presentations by and hold discussions with representatives of the NRC Office of Nuclear Regulatory Research staff and its contractors and the U.S. Geological Survey regarding work being performed by Sandia National Laboratories on radionuclide sorption in soils.

11 a.m.—12 noon: Preparation for Commission Briefing on January 11, 2006 (Open)—The Committee will review draft vu-graphs in preparation

for the Commission Briefing on January 11, 2006.

1:30 p.m.—3 p.m.: Generalized Composite Modeling (Open)—The Committee will hear presentations by and hold discussions with representatives of the U.S. Geological Survey and the NRC Office of Nuclear Regulatory Research regarding demonstrations of the generalized composite approach to the modeling of reactive transport and insights from the Organization for Economic Cooperation and Development Nuclear Energy Agency Sorption Project Phase 2.

3 p.m.—4 p.m.: White Paper on Low-Level Radioactive Waste (Open)—The Committee will discuss preparation of a White Paper on Low-Level Radioactive Waste.

4:15 p.m.—5:30 p.m.: Preparation of ACNW Reports/Letters (Open)—The Committee will discuss proposed ACNW reports on matters considered during this meeting.

Wednesday, November 16, 2005

10 a.m.—10:15 a.m.: Opening Remarks by the ACNW Chairman (Open)—The ACNW Chairman will make opening remarks regarding the conduct of today's sessions.

10:15 a.m.—11:30 a.m.: Discussion of Possible Letters (Open)—The Committee will discuss prepared draft letters and determine whether letters would be written on topics discussed during the meeting.

11:30 a.m.—12 noon: Miscellaneous (Open)—The Committee will discuss matters related to the conduct of ACNW activities, and specific issues that were not completed during previous meetings, as time and availability of information permit. Discussions may include future Committee Meetings.

Procedures for the conduct of and participation in ACNW meetings were published in the **Federal Register** on October 11, 2005 (70 FR 59081). In accordance with these procedures, oral or written statements may be presented by members of the public. Electronic recordings will be permitted only during those portions of the meeting that are open to the public. Persons desiring to make oral statements should notify Ms. Sharon A. Steele, (Telephone 301-415-6805), between 7:30 a.m. and 4 p.m. ET, as far in advance as practicable so that appropriate arrangements can be made to schedule the necessary time during the meeting for such statements. Use of still, motion picture, and television cameras during this meeting will be limited to selected portions of the meeting as determined by the ACNW Chairman. Information regarding the time to be set aside for

taking pictures may be obtained by contacting the ACNW office prior to the meeting. In view of the possibility that the schedule for ACNW meetings may be adjusted by the Chairman as necessary to facilitate the conduct of the meeting, persons planning to attend should notify Ms. Steele as to their particular needs.

Further information regarding topics to be discussed, whether the meeting has been canceled or rescheduled, the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted, therefore can be obtained by contacting Ms. Steele.

ACNW meeting agenda, meeting transcripts, and letter reports are available through the NRC Public Document Room (PDR) at pdr@nrc.gov, or by calling the PDR at 1-800-397-4209, or from the Publicly Available Records System component of NRC's document system (ADAMS) which is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> or <http://www.nrc.gov/reading-rm/doc-collections/> (ACRS & ACNW Mtg schedules/agendas).

Video Teleconferencing service is available for observing open sessions of ACNW meetings. Those wishing to use this service for observing ACNW meetings should contact Mr. Theron Brown, ACNW Audiovisual Technician (301-415-8066), between 7:30 a.m. and 3:45 p.m. ET, at least 10 days before the meeting to ensure the availability of this service. Individuals or organizations requesting this service will be responsible for telephone line charges and for providing the equipment and facilities that they use to establish the video teleconferencing link. The availability of video teleconferencing services is not guaranteed.

Dated: October 28, 2005

Andrew L. Bates,
Advisory Committee Management Officer.
[FR Doc. E5-6087 Filed 11-2-05; 8:45 am]
BILLING CODE 7590-01-P

NUCLEAR REGULATORY COMMISSION

Advisory Committee on Nuclear Waste Meeting on Planning and Procedures; Notice of Meeting

The Advisory Committee on Nuclear Waste (ACNW) will hold a Planning and Procedures meeting on November 16, 2005, Room T-2B3, 11545 Rockville Pike, Rockville, Maryland. The entire meeting will be open to public attendance, with the exception of a portion that may be closed pursuant to 5 U.S.C. 552b(c)(2) and (6) to discuss



APPENDIX B

UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON NUCLEAR WASTE
WASHINGTON, D.C. 20555-0001

November 9, 2005

REVISED AGENDA
165th ACNW MEETING
NOVEMBER 14-16, 2005

**MONDAY, NOVEMBER 14, 2005, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,
ROCKVILLE, MARYLAND**

- 1) ^{8:35} 8:30 - ~~8:45~~ A.M. Opening Remarks by the ACNW Chairman (Open)(MTR/JTL)
The Chairman will make opening remarks regarding the conduct of today's sessions.

- 2) ^{8:35 8:50} ~~8:45~~ - ~~9:15~~ A.M. Observations from the U.S. Environmental Protection Agency's (EPA's) October 2005 Public Meeting on its Proposed Revisions to 40 CFR Part 197 (Open) (RFW/MPL) - EPA recently held public hearings on its proposed amendments to the public health and environmental radiation protection standards for Yucca Mountain, Nevada, found in 40 CFR Part 197. The Committee will receive a report from one of its Members who observed one of the public hearings.

- 3) ^{8:50} ~~9:15~~ - 10:00 A.M. U.S. Nuclear Regulatory Commission's (NRC's) Plans for the Implementation of a Dose Standard After 10,000 Years (Open) (MTR/MPL) - NRC is proposing to amend its regulations in 10 CFR Part 63 that govern the disposal of high-level radioactive wastes in a proposed geologic repository at Yucca Mountain. The proposed rule would implement EPA's proposed standards for doses that could occur after 10,000 years but within the period of geologic stability. The Committee will hear a presentation from and hold discussions with a representative from NRC's Office of Nuclear Materials Safety and Safeguards on the proposed revisions.

10:00 - 10:15 A.M. ***BREAK***

- 4) ^{11:30} 10:15 - ~~12:15~~ P.M. Public Comment Session (Open) (MTR/MPL) - The Committee will hear presentations from and hold discussions with interested stakeholders on the issues discussed during the earlier sessions. Scheduled presenters include: Dr. Dade Moeller, Chairman of the Board, Dade Moeller and Associates; Dr. Thomas Tenforde, President, National Council on Radiation Protection; ~~Dr. John Kozak~~ ^{Kozak} ~~Kessler~~, Manager, Electric Power Research Institute High-Level Waste and Spent Nuclear Fuel Program; and Mr. Martin Malsh, Esq., State of Nevada.

- 11:30
12:15 - 1:30 P.M. ***LUNCH***
- 5) 1:30 - 3:30 P.M. Public Comment Session - Continued (Open) (MTR/MPL) - The Committee will continue to hear presentations from and hold discussions with interested stakeholders on the issues discussed during the earlier sessions. *Terrell - w/ Kozak, [unclear]; Maloj*
- 3:30 - 3:45 P.M. ***BREAK***
- 6) 3:45 - 4:15 P.M. ACNW Roundtable Discussion (Open) (MTR/MPL)
The Committee will review the matters discussed from the previous public sessions and decide whether it intends to provide advice to the Commission.
- 7) 4:15 - 5:30 P.M. Discussion of Possible Letters (Open) (All)
The Committee will discuss prepared draft letters and determine whether letters will be written on topics discussed during the meeting.
- 7.1) Implementation of Part 63 (WJH/MPL) *postpone to Dec.*
 - 7.2) Waste Determination (AGC/LSH) *4:20 - 5:15*
 - 7.3) Public Outreach Efforts (MTR/SAS) *4:15/05*
 - 7.4) Waste Safety Research Program (RFW/RPS) *postpone to Dec.*

5:30

Records

TUESDAY, NOVEMBER 15, 2005, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 8:50 8:54
8) 8:30 - 8:45 A.M. Opening Remarks by the ACNW Chairman (Open) (MTR/JTL)
The Chairman will make opening remarks regarding the conduct of today's sessions.
- 8:54 12:05
9) 8:45 - 10:45 A.M. Reactive Transport Research (Open) (RFW/RPS)
The Committee will hear presentations by and hold discussions with representatives of the NRC Office of Nuclear Regulatory Research (RES) staff and its contractors and the U.S. Geological Survey (USGS) regarding work being performed by Sandia National Laboratories on radionuclide sorption in soils and its impact on reactive transport.
- 10:30 - 10:45
10:45 - 11:00 A.M. ***BREAK***
- 11:00 - 12:00 Noon
5:30 - 6:30
10) 11:00 - 12:00 Noon Preparation for Commission Briefing on January 11, 2006 (Open) (MTR/SAS)
The Committee will review draft vu-graphs in preparation for the Commission Briefing on January 11, 2006.

12:00- 1:30 P.M.

LUNCH

11) 1:30-3:00 P.M.
11:40-12:45

Generalized Composite Modeling (Open) (RFW/RPS)
The Committee will hear presentations by and hold discussions with representatives of the USGS and RES regarding demonstrations of the generalized composite approach to the modeling of reactive transport and insights from the Organization for Economic Co-operation and Development (OECD) Nuclear Energy Agency Sorption Project Phase 2. *Bill St...*

12) 3:00 - 4:00 P.M.

White Paper on Low-Level Radioactive Waste (Open) (MTR/MPL)
The Committee will discuss a proposed White Paper on Low-Level Radioactive Waste. *[A. Pasternak vs. [unclear]]*

3:35 3:55
4:00 - 4:15 P.M.

BREAK

13) 4:15-5:30 P.M.

Discussion of Letters (Open) (All)

The Committee will discuss prepared draft letters:

13.1) Igneous Activity (WJH/RFW/NMC/RPS) *pre-10:00*

13.2) West Valley Performance Assessments (JHC/RKM)

Waste Determination - 3:55 - 5:35

4:35

Access

WEDNESDAY, NOVEMBER 16, 2005, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

14) 10:00 - 10:15 A.M.

Opening Remarks by the ACNW Chairman (Open) (MTR/JTL)

The Chairman will make opening remarks regarding the conduct of today's sessions.

15) 10:15 - 11:30 A.M.

Discussion of Possible Letters (Open) (All)

The Committee will discuss prepared draft letters and determine whether letters will be written on topics discussed during the meeting. *-Waste Determination - 10:15 - 11:35*

11:55 - 12:00

BREAK

16) 11:00 - 12:00 Noon

Miscellaneous (Open)

The Committee will discuss matters related to the conduct of ACNW activities and specific issues that were not completed during previous meetings, as time and availability of information permit. Discussions may include future Committee Meetings.

12:05-12:40

Commission Table and Issues

12:00 P.M.

Adjourn

12:40

12:40 - 1:00 P.M. - 1:00 P.M. - 1:00 P.M.

NOTES:

- Presentation time should not exceed 50 percent of the total time allocated for a specific item. The remaining 50 percent of the time is reserved for discussion.
- **Fifty (50) hard copies and one (1) electronic copy of the presentation materials should be provided to the ACNW.**
- ACNW meeting schedules are subject to change. Presentations may be canceled or rescheduled to another day. If such a change would result in significant inconvenience or hardship, be sure to verify the schedule with Ms. Sharon Steele at 301-415-6805 between 8:00 a.m. and 4:00 p.m. prior to the meeting.

APPENDIX C: MEETING ATTENDEES

**165TH ACNW MEETING
NOVEMBER 14-16, 2005**

ACNW MEMBERS

Michael Ryan, Chairman
Allen Croff, Vice Chairman
James Clarke
William Hinze
Ruth Weiner

ACNW STAFF

John Larkins
Ashok Thadani
Neil Coleman
John Flack
Latif Hamdan
Michele Kelton
Michael Lee
Richard Major
Richard Savio
Michael Scott
Sharon Steele

ATTENDEES FROM THE NUCLEAR REGULATORY COMMISSION

NOVEMBER 14, 2005

B. Hill	NMSS
G. Peters	NMSS
J. Rubenstone	NMSS
P. Reed	RES
J. Bradbury	NMSS
W. Smith	NMSS
B. Ibrahim	NMSS
P. Justus	NMSS
K. Stablein	NMSS
J. Dixon-Herrity	OEDO
T. McCartin	NMSS
J. Kotra	NMSS
R. Codell	NMSS

NOVEMBER 15, 2005

J. Bradbury	NMSS
T. Nicholson	RES
G. Peters	NMSS
E. O'Donnell	RES
L. Veblen	RES
W. Olt	RES
J. Dixon-Herrity	OEDO
J. Shaffner	NMSS
L. Camper	NMSS
D. Esh	NMSS

ATTENDEES FROM THE NUCLEAR REGULATORY COMMISSION (CONT'D)

NOVEMBER 16, 2005

J. Dixon-Herrity	OEDO
D. Esh	NMSS

ATTENDEES FROM OTHER AGENCIES AND GENERAL PUBLIC

NOVEMBER 14, 2005

J. Lieberman	Self/Consultant
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NOVEMBER 15, 2005

E. von Tiesenhausen	Clark County, NV
N. Woodward	DOE
S. Altman	SNL
R. Cygan	SNL
R. Anderson	DOE
J. Lieberman	Self/Consultant

Via video teleconference

A. Pasternak (CALRAD)
K. Picha (DOE)

NOVEMBER 16, 2005

E. von Tiesenhausen	Clark County, NV
W. M. Nutt	Golder Associates, Inc.
M. Malsch	EFMC
C. Fitzpatrick	EFMC
J. York	Bechtel-SAIC Co.
N. Henderson	Bechtel-SAIC Co.
T. Tenforde	NCRP
N. DiNunzio	DOE
B. O'Connell	NARUC
M. Kozak	Monitor Scientific
R. Cherry	EPA
D. Harlow	H&W
D. Schultheise	EPA
D. Moeller	Dade Moeller & Associates, Inc.
A. Draub	Booz-Allen Hamilton

APPENDIX D: FUTURE AGENDA

The Committee approved the following topics for discussion during its 166th meeting, scheduled for December 13–15, 2005:

- Combined NMSS Office and Division Directors Briefing
- NRC's Plans for the Implementation of a Dose Standard After 10,000 Years
- Reasonableness of NRC Infiltration Assumption in the Proposed Part 63
- White Paper on Low-Level Radioactive Waste
- Generalized Composite Modeling
- Preparation for Commission Briefing
- Discussion of Draft and Possible Letters and Reports
 - Generalized Composite Modeling
 - West Valley Performance Assessments
 - Implementation of Revised Part 63
 - RES Waste Safety Research
 - White Paper on LLW
 - Stakeholder Outreach Efforts

**APPENDIX E
LIST OF DOCUMENTS PROVIDED TO THE COMMITTEE**

[Note: Some documents listed below may have been provided or prepared for Committee use only. These documents must be reviewed prior to release to the public.]

MEETING HANDOUTS

**AGENDA
ITEM NO.**

DOCUMENTS

- | | |
|-------------------|--|
| 2-4 | <u>Observations From the U.S. Environmental Protection Agency's October 2005 Public Meeting on Its Proposed Revisions to 40 CFR Part 197</u> <ol style="list-style-type: none">1. Summary From EPA Hearings, presented by Ruth Weiner, ACNW [Viewgraphs]2. Proposed Regulations for Yucca Mountain: Implementing A Dose Standard After 10,000 Years, presented by Janet Kotra, NMSS [Viewgraphs]3. EPA Proposed Yucca Mountain Standards, by presented by Dade Moeller, Dade Moeller and Associates, Inc. [Viewgraphs]4. Critique and Recommendations on EPA's Proposed "Public Health and Environmental Radiation Standards for Yucca Mountain, NV," provided Thomas Tenforde, National Council on Radiation Protection and Measurements [Viewgraphs] |
| 9 & 11 | <u>Reactive Transport Research and Generalized Composite Modeling</u> <ol style="list-style-type: none">5. EPRI Comments Related to Yucca Mountain TSPA and Future Climates, presented by Matthew Kozak, Monitor Scientific, LLC [Viewgraphs]6. NRC Research on Sorption Processes, presented Randy Cygan, SNL [Viewgraphs]7. Characterization and Mechanisms of Radionuclide Sorption in Soils. SNL [Viewgraphs]8. NEA Sorption Project, Phase II, presented by William Ott RES [Viewgraphs] |

APPENDIX E
165TH ACNW MEETING
NOVEMBER 14-16, 2005

MEETING NOTEBOOK CONTENTS

<u>TAB</u> <u>NUMBER (S)</u>	<u>DOCUMENTS</u>
	Agenda, 165th ACNW Meeting, November 14--16, 2005, dated November 9, 2005
	Color Code - 165 th ACNW Meeting, dated November 4, 2005
2-4	<u>Observations From the U.S. Environmental Protection Agency's October 2005 Public Meeting on Its Proposed Revisions to 40 CFR Part 197</u> 1. Status Report
9	<u>Reactive Transport Research and Generalized Composite Modeling</u> 2. Agenda 3. Status Report
11	<u>Generalized Composite Modeling</u> 4. Agenda 5. Status Report