



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

January 14, 2005

MEMORANDUM TO: ACNW Members
ACNW Staff

FROM:

Michele S. Kelton
Michele S. Kelton
Technical Secretary, ACNW

SUBJECT:

CERTIFIED MINUTES OF THE 155TH MEETING OF THE ADVISORY
COMMITTEE ON NUCLEAR WASTE (ACNW) NOVEMBER 16-18, 2004

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 155th
Meeting, November 16-18, 2004

cc: J. Larkins, ACRS/ACNW
H. Larson, ACNW/ACNW
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: Michele S. Kelton, Technical Secretary
Advisory Committee on Nuclear Waste

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

SUBJECT: PROPOSED MINUTES OF THE 155TH MEETING OF THE
ADVISORY COMMITTEE ON NUCLEAR WASTE (ACNW)
NOVEMBER 16-18, 2004

I certify that, based on my review of these minutes', 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:

A handwritten signature in black ink, appearing to read "Michael T. Ryan".

Michael T. Ryan, Chairman

1/12/05

Date

Minutes of 155th meeting held on November 16-18, 2004, dated January 12, 2005.



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

January 12, 2005

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

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

SUBJECT: PROPOSED MINUTES OF THE 155TH MEETING OF THE
ADVISORY COMMITTEE ON NUCLEAR WASTE (ACNW):
NOVEMBER 16-18, 2004

Enclosed are the proposed minutes of the 155th 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
J. Larkins, ACRS/ACNW

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CERTIFIED

1/12/2005

By MICHAEL T. RYAN

Issued: 1/12/05

**CERTIFIED MINUTES OF THE 155TH MEETING OF THE
ADVISORY COMMITTEE ON NUCLEAR WASTE
NOVEMBER 16-18, 2004**

The U.S. Nuclear Regulatory Commission (NRC) Advisory Committee on Nuclear Waste (ACNW or the Committee) held its 155th meeting on November 16-18, 2004, at Two White Flint North, 11545 Rockville Pike, Rockville, Maryland. The ACNW published a notice of this meeting in the *Federal Register* on November 15, 2004 (69 FR 65660) (Appendix A). This meeting served as a forum for attendees to discuss and take appropriate action on the items listed in the agenda (Appendix B). The entire meeting was open to public attendance.

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 Co., 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, Ruth F. Weiner, and Allen Croff attended this meeting. ACNW consultant James H. Clarke was also in attendance. For a list of other attendees, see Appendix C.

I. CHAIRMAN'S REPORT (OPEN)

[Dr. John Larkins was the Designated Federal Official for this part of the meeting.]

Dr. Michael Ryan, ACNW Chairman, convened the meeting at 8:45 a.m. and briefly reviewed the agenda. He stated 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 contribute to the meeting to inform the ACNW staff so that time could be allocated for them to speak. He concluded by noting the following items of interest.

- On October 28, 2004, Jenny Gallo and Sharon Steele (who were in the ACNW office on a rotational assignment) received certificates as graduates of the 1-year-long Leadership Potential Program in a ceremony conducted in the Two White Flint North Auditorium. Commissioner Merrifield gave the keynote address.
- Patricia Norry, NRC Deputy Executive Director for Management Services, announced her intention to retire at the end of January 2005. She began her career as staff assistant to the then Atomic Energy Commission Chairman Glenn Seaborg in 1961.

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II. FORMAT AND CONTENT OF THE U.S. DEPARTMENT OF ENERGY YUCCA MOUNTAIN LICENSE APPLICATION (OPEN)

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

Mr. Joe Ziegler, representing the U.S. Department of Energy's (DOE's) Yucca Mountain Project Office, presented the Department's approach to preparing a construction authorization application to build a geologic repository at Yucca Mountain, consistent with NRC's site-specific geologic repository regulation at 10 CFR Part 63. These regulations require that DOE's license application have of three parts—general information, a safety analysis report, and a final environmental impact statement (FEIS). Section 63.21 of NRC's Yucca Mountain regulation, in particular, describes the general content of the DOE license application for the purposes of construction authorization. The key focus of the DOE presentation was on how the Department has interpreted the requirements of Section 63.21 and the guidance in the Yucca Mountain Review Plan (YMRP, NUREG-1804) for preparing the license application. The NRC staff will review any license application submission (specifically the general information and the safety analysis report¹), consistent with the provisions of NWP, as amended, and will prepare a safety evaluation report documenting the staff's findings with regard to the Department's compliance demonstrations.

In preparing the 10-volume, 6000-page document, Mr. Ziegler noted that in addition to considering of the HLW-related guidance, DOE considered other relevant recent NRC licensing actions, including mixed-oxide fuel (South Carolina), private fuel storage (Utah), and the LES enrichment facility (New Mexico). Mr. Ziegler also pointed out that in addition to following the guidance in the YMRP, DOE added two chapters to its license application to address equipment qualification and nuclear criticality safety.

The DOE license application was scheduled for submittal in December 2004. Mr. Ziegler acknowledged that the Department's current time table was subject to uncertainty owing to the recent Federal Court decision vacating the part of the U.S. Environmental Protection Agency (EPA) radiation standards in 40 CFR Part 97 applying to the post-closure period of geologic repository performance, the recent Atomic Safety and Licensing Panel reversal of NRC's Licensing Support Network (LSN) certification, and the projected Fiscal Year 2005 DOE budget shortfall.²

¹Consistent with the Nuclear Waste Policy Act of 1982 (NWP), as amended, NRC will not review DOE's FEIS as part of its construction authorization decisionmaking. Rather, the NRC will determine whether it can "adopt" the FEIS, consistent with the Commission's regulations at 10 CFR 51.109. The NRC adoption decision is to be made at the time the DOE license application is docketed, before any safety review.

²At a DOE/NRC management meeting held on November 17, 2004, a Department representative announced that there would be a delay in the submittal of its license application

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Once submitted, the DOE license application and its references would be publicly available through both the Internet-based LSN and the NRC Public Reading Room.

Mr. Ziegler's presentation was followed by a few questions (mostly clarifications) and brief comments from some of the ACNW members and their invited consultant, Dr. James Clarke.

Following his presentation, Mr. Ziegler responded to questions and comments from the ACNW members and staff. The following rebuttal points are noteworthy:

- All remaining analysis model report documents to be referenced by DOE in its license application are scheduled for completion sometime in December 2004.
- There is a configuration management process to track repository design changes to ensure internal consistency with other aspects of the repository design and the attendant safety analyses.
- The post-closure performance assessment analysis has been validated for 20,000 years, instead of the earlier 10,000 years required by the now-remanded EPA Yucca Mountain radiation standard. DOE has introduced conservatisms to provide additional confidence in the post-closure performance assessment results beyond 20,000 years.
- Any low-level radioactive waste generated by repository operations will go off site to a licensed disposal facility. No RCRA³ wastes will be disposed of at Yucca Mountain.
- In addition to reconsidering the use of the current management and operating contractor (Bechtel-SAIC), the staff is reviewing other contracting strategies for the possible construction of a Yucca Mountain repository. However, no decisions have been made at this time.

Lastly, Mr. Martin Malsch, representing the State of Nevada, had two questions for Mr. Ziegler. Mr. Ziegler's responses were as the following:

- DOE has decided to use a seismic design basis (seismic design criteria) applicable to the seismic design of a commercial nuclear power plant for the geologic repository operations area facilities.

to the NRC, citing the reasons stated above. DOE hopes to have a rebaselined schedule for the submittal of its license application available in early 2005.

³i.e., chemically hazardous wastes as defined by EPA's Resource Conservation and Recovery Act regulations at 40 CFR Part 261.

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- To the best of his recollection, DOE has not defined any items important to safety with respect to the requirements in 10 CFR Part 63 necessary to preserve the waste package retrievability option.

III. SEMIANNUAL BRIEFING BY THE OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS DIVISION DIRECTORS (OPEN)

[Mr. Howard Larson was the Designated Federal Official for this section of the meeting.]

Dr. Ryan introduced Mr. William Reamer, Director, Division of High-Level Waste Repository Safety (DHLWRS), and Mr. Daniel Gillen, Acting Director, Division of Waste Management and Environmental Protection, NMSS, who briefed the Committee on recent activities of possible interest.

Mr. Reamer began by discussing several of the factors in the uncertainty in the scheduling of the Yucca Mountain license application (YMLA): the court remand of EPA's standard (40 CFR Part 197), the decertification of the LSN, and the funding uncertainties of the continuing resolution. All three factors affect the timing of the YMLA submission and the ability of the NRC staff to docket it. The HLWRS staff is continuing to work on resolving the key technical issues and the Integrated Issue Resolution Status Report is still in review. The staff is also working with a contractor on finalizing a project review plan for the YMLA when it is submitted.

After noting his belief that as a Nation we are facing a crisis in disposal of low-level waste due to limited licensed disposal capacity (particularly Class B and C wastes), Mr. Gillen discussed several of the LLW-related areas in which his staff is currently working. He noted the future work associated with the waste incidental to reprocessing issue, the "risk-based end states" effort with the DOE, and the status of work on the forthcoming rule on control of solid materials. He noted that the Committee would receive briefings on these issues in the near future. Mr. Gillen also said his staff was considering alternate LLW disposal strategies and the dispositioning of mixed wastes and greater-than-Class C wastes. He said he would discuss these topics with the Committee at the appropriate time.

The Committee expressed appreciation for these periodic briefings and indicated that all topics were of interest.

IV. INTERNATIONAL TRANSPORTATION MEETINGS (OPEN)

[Mr. Richard Major was the Designated Federal Official for this section of the meeting.]

Mr. William Brach, Director, and Earl Easton, Senior Level Advisor, Spent Fuel Project Office, discussed the NRC's involvement with spent fuel (SF) transportation standards produced by the International Atomic Energy Agency (IAEA). He also gave some highlights from the International Symposium on the Packaging and Transportation of Radioactive Materials (PATRAM) and a trip with the National Academy of Science transportation study group to the

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United Kingdom. Their presentation was for the Committee's information. There were no formal follow-on activities.

Mr. Brach described some of the interactions the staff has with the IAEA. NRC has taken a leadership role in developing international consistency in transportation regulations. NRC promotes international cooperation (appraisals of a country's transportation system). NRC supports and encourages regulatory stability.

Mr. Brach described the 2004 PATRAM symposium. PATRAM is a triennial symposium for worldwide transportation experts to exchange information. Seven hundred experts from 25 countries attended this conference. NRC had a prominent role in this year's conference, with staff members presenting 15 papers and 2 plenary speeches. PATRAM 2007 will be held in the United States.

Mr. Easton described several full-scale regulatory drop tests. The first test involved the 185 ton German CONSTOR rail casks. A 120-ton Mitsubishi, heavy industry rail cask was also tested. The tests involved a 30-foot drop test onto an unyielding surface. The steel surfaced, reinforced concrete facility was built in Horstwalde, Germany, at a cost of \$4.5 million. The pad used 5.5 million pounds of concrete, 225,000 pounds of rebar and was capped with a 3/4-inch steel plate. The results of the two drop tests are being analyzed. There was minimal damage to the impact limiters and little visible damage to the casks. Tests analyses are underway.

The staff also accompanied a National Academy of Sciences study group to the United Kingdom (UK). The group reviewed the UK's infrastructure for the domestic transport of spent fuel. Dedicated trains are used to transport spent fuel and safety reviews (of tracks, tressels, and bridges) are done for each route. Fuel-handling procedures at Stellafield (where the UK reprocesses its spent fuel) were observed.

V. ACNW 2005 ACTION PLAN (OPEN)

[Mr. John Flack was the Designated Federal Official for this section of the meeting.]

The Committee completed its review and approval of the Action Plan (Plan) and proposed working group meetings for FY 2005. The Plan will be used to help guide the Committee in carrying out its mission. The Plan describes the Committee's mission, vision, desired outcomes, commitments, goals, objectives, and priority topics.

For FY 2005, the Plan contains six first-tier topics and six second-tier priority topics. The Committee agreed to address the first-tier topics over the next year, and would attempt to address second-tier topics as time and resources permitted. First-tier topics included 1) Proposed Yucca Mountain Repository, 2) 10 CFR Part 63 rulemaking activity, 3) risk-informing regulatory activities, 4) decommissioning, license termination rule, 5) clearance, and 6) health physics. Second-tier topics included 1) waste management research program review, 2) low-level radioactive waste, 3) proposed private fuel storage Facility, 4) fuel cycle facilities, 5)

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waste incidental to reprocessing, 6) transportation of radioactive materials. Additionally, the Action Plan included six proposed working group meetings to be held in FY 2005, with the possibility of a seventh on risk-significant pre-licensing issues for Yucca Mountain should the Yucca Mountain license application be delayed. The Committee agreed that the Action Plan is ready to be released and is due to the Commission in December 2004.

VI. WORKING GROUP PLANNING SESSION

[Mr. Howard Larson was the Designated Federal Official for this section of the meeting.]

Dr. Ryan led a discussion on potential working group meetings (WGMs) for 2005. Members and staff discussed six potential topics for WGMs: health physics issues, LLW, clearance, decommissioning, risk-informed regulations, and the anticipated West Valley performance assessment. One WGM has already been held this fiscal year, during the October 2004 meeting. That was the Working Group Review of the International Council on Radiation Protection (ICRP) June 2004 Recommendations. A follow-up meeting on ICRP will likely be held in 2005 to review the technical basis documents that support ICRP's draft recommendations. The technical basis documents were not yet available for review at the time of the October meeting.

The Committee decided that risk-informed regulations would not be a working group because the Commission's policy on the use of risk information has already been incorporated into the regulations. The other topics were approved for further study, along with a potential working group on the technical issues associated with waste incidental to reprocessing.

The Committee plans to prioritize and schedule the WGMs after the next meeting. The staff and cognizant Members will then prepare an outline for each of the potential WGMs. A prospectus has already been developed for a WGM on health physics issues, which will be revised to include review of the ICRP technical basis documents, plus results of the BEIR VII study which will probably be available later in 2005.

APPENDIX A

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and image files of NRC's public documents. The ADAMS accession numbers for the documents related to this notice are: the DVA letter dated October 1, 2004 (Accession No. ML042920457); the Final Status Survey Report, VA Chicago—Lakeside Campus, Medical Sciences Building, September 9, 2004 (Accession No. ML042920463); and the EA summarized above (Accession No. ML043010491). Please note that on October 25, 2004, the NRC terminated public access to ADAMS and initiated an additional security review of publicly available documents to ensure that potentially sensitive information is removed from the ADAMS database accessible through the NRC's web site. Interested members of the public may obtain copies of the referenced documents for review and/or copying by contacting the Public Document Room pending resumption of public access to ADAMS. The NRC Public Documents Room is located at NRC Headquarters in Rockville, MD, and can be contacted at (800) 397-4209, (301) 415-4737 or by e-mail to pdrr@nrc.gov.

These documents may also be viewed electronically on the public computers located at the NRC's PDR, O 1 F21, One White Flint North, 11555 Rockville Pike, Rockville, MD 20852. The PDR reproduction contractor will copy documents for a fee.

Dated in Lisle, Illinois, this 4th day of November 2004.

For the Nuclear Regulatory Commission,
Keeneth G. O'Brien,
Chief, Decommissioning Branch, Division of Nuclear Materials Safety, Region III.
 [FR Doc. 04-25258 Filed 11-12-04; 8:45 am; BILLING CODE 7590-01-P]

NUCLEAR REGULATORY COMMISSION



Advisory Committee on Nuclear Waste; Notice of Meeting

The Advisory Committee on Nuclear Waste (ACNW) will hold its 155th meeting on November 16-18, 2004, Room T-2B3, 11545 Rockville Pike, Rockville, Maryland.

The schedule for this meeting is as follows:

Tuesday, November 16, 2004

10:30 a.m.-10:40 a.m.: Opening Statement (Open)—The ACNW Chairman will open the meeting with brief opening remarks.

10:40 a.m.-11:40 a.m.: NMSS Division Directors' Semi-Annual Briefing (Open)—The Committee will be briefed by the Director, Division of

High Level Waste Repository Safety and the Director, Division of Waste Management and Environmental Protection on recent activities of interest

11:40 a.m.-12:40 p.m.: International Transportation Meetings (Open)—The Director, SFPO will report on recent international transportation-related meetings/activities of interest.

2 p.m.-3 p.m.: Format and Content of the U.S. Department of Energy Yucca Mountain License Application (Open)—The Committee will be briefed by a DOE representative on the general DOE format and content of the forthcoming DOE license application.

3:15 p.m.-5:15 p.m.: ACNW 2005 Action Plan (Open)—The ACNW Committee will continue its discussion of potential topics for inclusion in its draft 2005 Action Plan.

Wednesday, November 17, 2004

8:30 a.m.-8:35 a.m.: Opening Statement (Open)—The ACNW Chairman will make opening remarks regarding the conduct of today's sessions.

8:35 a.m.-10 a.m.: Working Group Planning Session (Open)—The Committee Members will discuss potential future activities including proposed 2005 working group meetings.

10 a.m.-12 Noon: Preparation of ACNW Reports (Open)—The Committee will discuss potential ACNW reports on matters discussed during this meeting. It may also discuss possible reports on matters discussed during prior meetings.

Thursday, November 18, 2004

8:30 a.m.-8:35 a.m.: Opening Remarks by the ACNW Chairman (Open)—The Chairman will make opening remarks regarding the conduct of today's sessions.

8:35 a.m.-12 Noon: Miscellaneous (Open)—The Committee will discuss matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.

Procedures for the conduct of and participation in ACNW meetings were published in the **Federal Register** on October 18, 2004 (69 FR 61416). 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 Mr. Howard J. Larson. (Telephone

(301) 415-6805), between 7:30 a.m. and 4:00 p.m. e.t., 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 Mr. Howard J. Larson 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 Mr. Howard J. Larson.

ACNW meeting agenda, meeting transcripts, and letter reports are available through the NRC Public Document Room at pdrr@nrc.gov or by calling the PDR at 1-800-397-4209, or from the Publicly Available Records System (PARS) 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. e.t., 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: November 8, 2004.

Andrew L. Bates,

Advisory Committee Management Officer
 [FR Doc. 04-25259 Filed 11-12-04; 8:45 am; BILLING CODE 7590-01-P]



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

November 15, 2004

REVISED AGENDA
155th ACNW MEETING
NOVEMBER 16-18, 2004

TUESDAY, NOVEMBER 16, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 8:15 - 8:47
- 1) 8:30 - 8:40 A.M. Opening Statement (Open) (MTR/JTL)
The Chairman will open the meeting with brief opening remarks, outline the topics to be discussed, and indicate items of interest.
- 8:47
- 2) ~~8:40~~ - 10:10 A.M. Format and Content of the U.S. Department of Energy Yucca Mountain License Application (Open) (AGC/MPL)
The Committee will be briefed by a DOE representative on the general DOE format and content of the forthcoming DOE license application.
- 10:40 - 10:57
- 10:10 - 10:40 A.M. ***BREAK***
- 10:40 - 11:40 A.M.
10:55 - 11:55
- 3) NMSS Division Directors' Semi-Annual Briefing (Open) (MTR/HJL)
The Committee will be briefed by the Director, Division of High-Level Waste Repository Safety and the Director, Division of Waste Management and Environmental Protection on recent activities of interest.
- 11:57 - 12:50
- 4) ~~11:40~~ - 12:40 P.M. International Transportation Meetings (Open) (RFW/RKM)
The Director, SFPO will report on recent international transportation-related meetings/activities of interest.
- 12:50
- 12:40 - 2:00 P.M. ***LUNCH***
- 2:00 - 4:00 P.M.
3:35
- 5) ACNW 2005 Action Plan (Open) (MTR/JHF)
The ACNW Committee will continue its discussion of potential topics for inclusion in its draft 2005 Action Plan.
- 3:45 - 3:55
- 4:00 P.M. Adjourn

WEDNESDAY, NOVEMBER 17, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 8:30 - 8:35 A.M.
8:40 - 8:45
- 6) Opening Remarks by the ACNW Chairman (MTR/JTL)
The Chairman will make opening remarks regarding the conduct of today's sessions.

- 8:42
- 7) ~~8:35~~ - 10:00 A.M. Working Group Planning Session (Open) (All)
The Committee Members will discuss potential future activities including proposed 2005 working group meetings.
- 10:00 - 10:15 BREAK
- 8) ~~10:00~~ - ~~12:00~~ Noon. Preparation of ACNW Reports (Open) (MTR/All)
The Committee will discuss potential reports.
10:15 - 11:00 Commission Briefing Preparation
11:00 - 11:22
~~12:00 Noon~~ Adjourn
11:25

THURSDAY, NOVEMBER 18, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 9) 8:30 - 8:35 A.M. Opening Statement (Open) (MTR/JTL)
The Chairman will make opening remarks regarding the conduct of today's sessions.
- 10) 8:35 - 12:00 Noon Miscellaneous (Open)
The Committee will discuss matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.
- 12:00 Noon Adjourn**

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.
- **Thirty-Five (35) 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 Mr. Howard J. Larson at 301-415-6805 between 8:00 a.m. and 4:00 p.m. prior to the meeting.

APPENDIX C: MEETING ATTENDEES

**155TH ACNW MEETING
NOVEMBER 16–18, 2004**

ACNW STAFF

John Larkins
Neil Coleman
John Flack
Michele Kelton
Latif Hamdan
Michael Lee
Richard Major
Richard Savio

CONSULTANT

James Clarke

ATTENDEES FROM THE NUCLEAR REGULATORY COMMISSION

NOVEMBER 16, 2004

O. Tabatabai	NMSS
F. Brown	NMSS
D. Gillen	NMSS
T. Bloomer	OCM/Diaz
P. Reed	RES
B. Reamer	NMSS
A. Fetter	NMSS
N. Jensen	OGC
P. Castleman	OCM/Diaz
L. Kokajko	NMSS
R. Lewis	NMSS
B. Brach	NMSS
S. Baggett	NMSS
L. Camper	NMSS
S. Steele	NMSS
K. Hardin	NMSS
R. Hardin	ASLBP
E. Easton	NMSS
M. Heath	NMSS
C. Barr	NMSS

**APPENDIX C
155TH ACNW MEETING
NOVEMBER 16-18, 2004**

ATTENDEES FROM THE NUCLEAR REGULATORY COMMISSION (CONT'D)

NOVEMBER 17, 2004

A. Imboden	NMSS
K. Karcagi	NMSS
K. O'Sullivan	NMSS
P. Sobel	NMSS
S. Klementowicz	NRR
A. Hayes	NRR
M. Rock	NRR
J. Davis	NMSS
S. Bush-Goddard	RES
P. Holahan	NMSS
P. Castleman	OCM/Diaz
D. Widmayer	NMSS
K. Banovac	NMSS
C. Abrams	NMSS
A. Turner	NMSS
R. Rodriguez	NMSS
S. Walker	NMSS
M. Thaggard	NMSS
A. Christianne Ridge	NMSS
K. Gruss	NMSS
S. Steele	NMSS
J. Peckenpaugh	NMSS
R. Johnson	NMSS

ATTENDEES FROM OTHER AGENCIES AND GENERAL PUBLIC

NOVEMBER 16, 2004

E. von Tiesenhausen	CCCP
N. Henderson	Bechtel-SAIC Co. (BSC)
A. Clarke	ANC Associates, Inc.
D. Siefken	BSC
M. Malsch	EFM&C
C. Hanlon	DOE
J. Shaffner	MTS
A. Tancher	Tancher International

**APPENDIX C
155TH ACNW MEETING
NOVEMBER 16-18, 2004**

ATTENDEES FROM OTHER AGENCIES AND GENERAL PUBLIC (CONT'D)

NOVEMBER 16, 2004 (Cont'd)

S. Stiglinski	Las Vegas Sun
J. Russell	CNWRA
K. Kamps	NIRS
P. Ware	BNA
S. Hollas	TLI, USA
H. Thompson	
I. Navis	Clark County, NV
J. Gervais	Clark County, NV

NOVEMBER 17, 2004

E. von Tiesenhausen	CCCP
N. Henderson	BSC
C. Hanlon	DOE
I. Navis	Clark County, NV
J. Gervers	Latir Energy Consultants

APPENDIX D: FUTURE AGENDA

The Committee approved the following topics for discussion during its 156th meeting, scheduled for December 13–14, 2004:

- Preparation for Meeting with the NRC Commissioners
- Time of Compliance for a Proposed High-Level Waste Repository
- ACNW 2005 Operating Plan
- Agreement State Program
- Working Group Planning Session
- Preparation of ACNW Reports

**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

<u>AGENDA ITEM NO.</u>	<u>DOCUMENTS</u>
2	<u>Format and Content of the U. S. Department of Energy Yucca Mountain License Application</u> 1. Yucca Mountain Project License Application, presented by Joseph Ziegler, DOE [Viewgraphs]
4	<u>International Transportation Meetings</u> 2. International Transportation, presented by E. William Brach. NMSS [Viewgraphs] 3. GNB-CONSTOR V/TC Cask, Full-Scale Drop Test, Horstwalde, Germany, September 21, 2004 [Viewgraphs]

APPENDIX E
155TH ACNW MEETING
NOVEMBER 16-18, 2004

MEETING NOTEBOOK CONTENTS

**TAB
NUMBER**

DOCUMENTS

Agenda, 155th ACNW Meeting, November 16-18, 2004, dated November 15, 2004

Opening Statement by ACNW Chairman

1. Introductory Statement by ACNW Chairman, Tuesday, November 16, 2004, undated
2. Items of Interest for 155th ACNW Meeting, undated
3. Introductory Statement by ACNW Chairman, Wednesday, November 17, 2004, undated
4. Introductory Statement by ACNW Chairman, Thursday, November 18, 2004, undated

2 **Semiannual Briefing by the Directors of the Division of High-Level Waste Repository Safety and the Division of Waste Management and Environmental Protection**

5. Status Report

3 **International Transportation Meetings**

6. Status Report with Attachments

4 **Format and Content of the U.S. Department of Energy Yucca Mountain License Application**

7. Status Report with Attachments

7 **Working Group Planning Session**

8. Status Report
9. Draft Prospectus for ACNW Working Group on Health Physics Topics

**APPENDIX E
155TH ACNW MEETING
NOVEMBER 16–18, 2004**

MEETING NOTEBOOK CONTENTS (CONT'D)

**TAB
NUMBER**

DOCUMENTS

App. 1	Memo dated October 28, 2004, from Neil Coleman, ACNW, to ACNW Members and Staff Subject: Reportable UF6 Releases (1990-Present)
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