

2017 Annual Report: Review of Federal Advisory Committee

11/29/2017 1:37:58 PM

1. Department or Agency

Nuclear Regulatory Commission

2. Fiscal Year

2017

3. Committee or SubCommittee

3b. GSA Committee No.

Advisory Committee on Reactor Safeguards

207

4. Is this New During Fiscal Year?

No

5. Current Charter

6. Expected Renewal Date

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Termination Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

10b. Legislation Pending?

Not Applicable

11. Establishment Authority

12. Specific Establishment Authority

13. Effective Date

14. Committee Type

14c. Presidential?

No

15. Description of Committee

16a. Total Number of Reports

29

16b. Report Titles and Dates

Report of the Safety Aspects of the License Renewal Application for Grand Gulf Nuclear Station, Unit 1	10/14/2016
Rev of Reg Guide 1.26, Rev 5, "Quality Group Classifications and Standards for Water-, Steam-, & Radioactive Waste Containing Components of Nuclear Power Plants	10/17/2016
Review of the Safety Aspects of the Dominion VA Power Combined License Application for North Anna Unit 3	11/14/2016
Review of SECY-16-0106, "Proposed Final 10 CFR Part 61, "Low Level Radioactive Waste Disposal"	11/14/2016
Monticello Nuclear Generating Plant Licensing Amendment Request for Operation in the Extended Flow Window	11/15/2016
Draft Rule 10 CFR 50.155, "Mitigation of Beyond-Design-Basis Events" and Associated Regulatory Guidance	12/6/2016
Closure of Fukushima Rec Related to Evals of Nat Hazards other than Seismic & Flooding, Periodic Confirmation of Nat Hazards and Real Time Radiation Monitoring	12/13/2016
ACRS Assessment of the Quality of Selected NRC Research Projects - FY2016	1/1/2017
Int Ltr: Chpts 2, 5, 8, 10, and 11 of the NRC Staff's SER with Open Items Related to the Certification of the APR 1400 Design	2/21/2017
Safety Evaluation of Topical Report, "Fluidic Device Design for the APR1400"	2/21/2017
Rev of RG for Evaluating the Effects of Light Water Reactor Water Environments if Fatigue Analyses of Metal Components	2/22/2017
Safety Evaluation of APR1400 Topical Report, "KCE-1 Critical Heat Flux Correlation for Plus7 Thermal Design"	2/23/2017
NRC Non-Light Water Reactor Vision and Strategy - Near-Term Implementation Action Plans and Advanced Reactor Design Criteria	3/1/2017
Interim Comments on Draft NUREG/BR-0058, Rev 5, "US NRC Guidance on Performing Cost Benefit Analysis"	3/20/2017
Proposed Revision to NUREG-1530, "Reassessment of NRC's Dollar Per Person-REM Conversion Factor Policy"	3/20/2017
Report of Subsequent License Renewal	4/8/2017
Draft NUREG/BR-0058, Rev 5 "US NRC Guidance on Performing Cost Benefit Analysis"	4/18/2017
Safety Evaluation of the NuScale Power, LLC, Licensing Topical Report TR-1015-18653-P, Revision 1, 'Design of Highly Integrated Protection System Platform'	4/24/2017

Safety Evaluation of the License Amendment Request by S TX Project Nuclear Operating Company to Adopt a Risk-Informed Resolution of Generic Safety Issue-191	5/17/2017
Consequential Steam Generator Tube Rupture	5/19/2017
Draft Safety Evaluation of PWROG-14001-P, Revision 1, "PRA Model for the Generation III Westinghouse Shutdown Seal"	6/19/2017
Browns Ferry Power Station, Units 1, 2, and 3 Extended Power Uprate	6/19/2017
Int Ltr: Chapters 6, 12, 13, 14, 17, and 19 of the NRC Staff's SER with Open Items Related to the Certification of the APR 1400 Design	6/21/2017
Draft Proposed Rulemaking 10 CFR 73.53, "Req for Cyber Sec at Nuclear Fuel Cycle Fac," Related Parts 70,73 & 40, & Draft RG Guide DG-5062,"Cyber Sec Nuclear FCF	6/21/2017
Int Ltr: Chapters 3, 4, 9, and 15 of the NRC Staff's SER with Open Items Related to the Certification of the 1400 Design	7/26/2017
Report of the Safety Aspects of the License Renewal Application for South Texas Project, Units 1 and 2	7/26/2017
Safety Evaluation of the NuScale Power, LLC, Topical Report TR-0815-16497P, "Safety Classification of Passive Nuclear Power Plant Electrical Systems," Rev 1	7/26/2017
Safety Evaluation for WCAP-17642-P, "Westinghouse Performance Analysis and Design Model (PAD5)"	7/27/2017
Int Ltr: Chapters 7 and 18 of the NRC Staff's SER with Open Items Related to the Certification of the APR 1400 Design	9/25/2017

17a Open:	0	17b. Closed:	0	17c. Partially Closed:	0	17d. Total	0
				Current Fiscal Year	Next Fiscal Year		
18a(1) Personnel Pmts to Non-Federal Members				\$1,053,114	\$1,034,412		
18a(2) Personnel Pmts to Federal Members				\$0	\$0		
18a(3) Personnel Pmts to Federal Staff				\$4,639,089	\$4,419,639		
18a(4) Personnel Pmts to Non-member Consultants				\$80,701	\$80,701		
18b(1) Travel and Per Diem to Non-Federal Members				\$470,993	\$490,000		
18b(2) Travel and Per Diem to Federal Members				\$0	\$0		
18b(3) Travel and Per Diem to Federal Staff				\$25,338	\$27,000		
18b(4) Travel and Per Diem to Non-Member Consultants				\$19,578	\$22,000		
18c.Other(rents,user charges,graphics,printing,mail etc.)				\$31,706	\$100,000		
18d Total				\$6,320,519	\$6,173,752		
19. Federal Staff Support Years				30.0	28.0		

20a. How does the Committee accomplish its purpose?

The Advisory Committee on Reactor Safeguards (ACRS) reports to the Nuclear Regulatory Commission (NRC) and provides the Commission with independent reviews of, and advice on, the safety of proposed or existing NRC-licensed reactor facilities and the adequacy of applicable safety standards. The ACRS was established as a statutory committee by a 1957 amendment to the Atomic Energy Act of 1954. With the enactment of the Energy Reorganization Act of 1974, the licensing functions of the Atomic Energy Commission (AEC) were transferred intact from the AEC to the NRC. The ACRS has continued in the same advisory role to the NRC with its responsibilities changing with the needs of the Commission. Some ACRS tasks are mandated by statute or regulation; some are in response to direction by the Commission, or requests from the NRC staff, or other stakeholders; and some are self initiated in response to ACRS concerns on important regulatory and safety-related matters. The ACRS, upon request from the Department of Energy (DOE), provides advice on the safety of U.S. naval reactor designs. Upon request, the ACRS also provides technical advice to the Defense Nuclear Facilities Safety Board. The ACRS and its Subcommittees meet regularly in public, Federal Advisory Committee Act (FACA)-regulated meetings to review matters within the scope of its responsibilities. ACRS meeting agendas, meeting transcripts, and letter reports are available for downloading or viewing on the Internet at <http://www.nrc.gov/reading-rm/doc-collections/#acrs>. The ACRS and its Subcommittees held 72 meetings during FY 2017, including 10 Full Committee meetings that were attended by all ACRS members of which there were 8 closed and 30 partially closed meetings. The ACRS members are chosen for their technical expertise relevant to the safety issues important to the Commission. Consultants are used on occasion to augment the expertise of the ACRS members. The Committee has a full-time staff that provides technical support and administrative services in compliance with FACA requirements. ACRS Subcommittees normally consist of three to six ACRS members with

the expertise needed to review in detail the regulatory and safety issues and to formulate proposed positions and actions, as appropriate, for deliberation by the Full Committee. Stakeholders' participation in ACRS meetings is encouraged and routinely occurs. The Committee's advice, in the form of written reports, is only produced by the Full Committee, and reports on significant regulatory matters are discussed with the Commission in public meetings. The ACRS conducts an ongoing review of its priorities and schedules to ensure that regulatory matters within its scope of responsibilities are being properly addressed and within its resources, and timely advice is provided to the Commission. Input from the Commission, the NRC staff, and affected stakeholders is used in this process. A Memorandum of Understanding with the NRC Executive Director for Operations (EDO) provides a framework for NRC staff interaction with the ACRS. The ACRS conducts self-assessments to improve its effectiveness and efficiency. In FY17, the ACRS completed licensing reviews associated with license applications, combine license applications, and license renewals; significant rulemaking activities associated with mitigation strategies for beyond-design-basis-events; power uprate applications; NRC lessons learned activities related to the accident at Fukushima; The NRC safety research program; digital instrumentation and control matters; metallurgy and reactor fuels issues; and probabilistic risk assessments.

20b. How does the Committee balance its membership?

The Commission appoints ACRS members with the scientific and engineering expertise needed to address the safety issues of importance to the Commission. Members are sought who can provide an independent perspective on nuclear safety issues, outstanding scientific and technical ability, balanced and mature judgment, and a willingness to devote the time required to the demanding work involved. Members do not have fixed terms. However, absent unusual circumstances, they do not serve more than three, four year terms. Members are reappointed in excess of this period only if there is a compelling continuing need for their expertise. Vacancies in the ACRS membership are filled from the pool of applicants which exists after solicitations of interest are published in the Federal Register, trade and professional society publications, and in the press. Recommendations to the Commission as to the selection of qualified candidates from this pool are made by the ACRS Member Candidate Screening Panel. The ACRS provides input to this Panel. During FY 2017, the membership was comprised of individuals with diverse employment backgrounds and included those with expertise in the areas of nuclear power plant operations; probabilistic risk assessment; analysis of severe reactor accident phenomena; design of nuclear power plant structures, systems, and components; chemical engineering; digital instrumentation and control; materials and metallurgy; and thermal-hydraulics and computational fluid dynamics. The diversity of viewpoints represented by current members is based on special fields of interest, employment experience, and technical expertise. These member attributes provide the Committee with the balance of highly qualified technical expertise and diverse safety perspectives necessary to carry out the Committee's statutory responsibilities effectively.

20c. How frequent and relevant are the Committee meetings?

The ACRS and its Subcommittees held 72 meetings during FY 2017, of which 10 were Full Committee meetings. The number of meetings held in a reporting period is directly related to the number of nuclear safety matters to be reviewed as required by statute; the number of rules and regulatory guidance referred to the Committee for review and comment; the number of special reviews requested by the Commission, EDO, or other Federal Government organizations; and other safety issues of particular concern to the Committee and its stakeholders. The Full Committee normally meets 10 times a year for 3 days to consider important safety-related nuclear issues, license applications, generic issues, significant regulatory matters, rules, and regulatory guidance. The ACRS Subcommittees, which are normally comprised of three to six members with the relevant expertise, meet as necessary with stakeholders to conduct in-depth reviews of particular matters for later consideration by the full membership during Full Committee meetings. Although not required by the revised FACA, Subcommittee meetings are conducted under the same FACA procedures as the Full Committee meetings to facilitate public participation and to provide a forum for stakeholders to express their views on regulatory matters being considered by the ACRS. Reviews are conducted during each Full Committee meeting to assess the relevance of proposed review topics, resource needs, and the priority of each activity. These assessments have the benefit of input from the Commission, EDO, and other stakeholders. All ACRS meetings for this reporting period addressed either matters for which ACRS review was required by statute or regulation, specific requests from either the Commission or the EDO, or other important regulatory and safety-related matters self-initiated in response to ACRS concerns.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The ACRS is an independent body of recognized experts in the field of nuclear reactor safety whose Congressional mandate is to provide the Commission with independent advice. Particular duties of the ACRS (e.g., review of operating reactor license renewal applications, extended power uprate amendments, new reactor designs, and rules and regulatory guidance) are dictated by statute or regulation. In addition, functional arrangements exist wherein, upon request, the ACRS provides advice to the Department of Energy and the Defense Nuclear Facilities Safety Board. The Commission has its own expert staff on whom it relies in the day-to-day regulation of nuclear power

facilities. The ACRS provides the Commission and the NRC staff with an independent, critical review of high level regulatory issues under consideration by the NRC and independent technical insights as to important matters needing Commission attention. The ACRS members are part-time special government employees with other full-time interests and activities in related fields, and provide a breadth of experience, an independent perspective on issues, and technical knowledge that is not duplicated by the NRC's full-time government employees. A standing Committee such as the ACRS remains current with respect to nuclear safety issues of importance to the NRC, including those related to reactor operating experience, regulatory reform, and NRC's needs for safety research, and provides an independent, collegial judgment regarding these issues that other part-time consultants could not provide. The ACRS meetings provide an important forum for stakeholders to express freely their concerns on safety issues and the regulatory process. A number of important safety initiatives have had their origins in ACRS deliberations. Through the ACRS, the public and the Congress are ensured of an independent technical review and evaluation of the safety of NRC-licensed facilities, proposed reactor designs, significant regulatory and safety issues, and of providing an opportunity for stakeholder input.

20e. Why is it necessary to close and/or partially close committee meetings?

According to 5 U.S.C. 552b (c), ACRS meetings can only be closed for the following reasons: • Protect information classified as national security information • Discuss information relating solely to internal personnel rules and/or practices • Protect unclassified safeguards information • Protect proprietary information • Protect information provided in confidence by a foreign source • Prevent invasion of personal privacy • Prevent disclosure of information the premature disclosure of which would be likely to significantly frustrate implementation of a proposed Agency action

21. Remarks

Designated Federal Officer: **Jamila Perry DFO**

Committee Members	Start	End	Occupation
Ballinger , Dr. Ronald	8/4/2013	8/3/2021	Professor of Nuclear Science and Engineering at Massachusetts Institute of Technology, Cambridge, MA
Bley , Dr. Dennis C.	8/30/2015	8/29/2019	President of Buttonwood Consulting,Inc., Albuquerque, NM
Brown Jr., Mr. Charles H.	4/28/2016	4/27/2020	Senior Advisor for Electrical Systems, BMT Syntek Technologies, Inc., Arlington, VA
Chu , Dr. Margaret	6/12/2016	6/11/2020	Consultant to international and domestic clients on nuclear waste management, nuclear fuel cycle analysis, nonproliferation technologies and nuclear materials management.
Corradini , Dr. Michael L.	9/7/2014	9/6/2018	Professor and Chair of the Nuclear Engineering and Engineering Physics Program, University of Wisconsin, Madison, WI
Kirchner , Dr. Walter	6/12/2016	6/11/2020	Retired Institutional Liaison Manager for Argonne National Laboratory
March-Leuba , Dr. Jose	6/12/2016	6/11/2020	Principal of MRU and Associate Professor in the nuclear engineering department of the University of Tennessee, Knoxville
Powers , Dr. Dana A.	6/6/2014	6/5/2018	Retired, Senior Scientist, Sandia National Laboratories, Albuquerque, NM
Ray , Mr. Harold B	6/23/2012	6/22/2020	Retired Chief Executive Vice President, Southern California Edison Company, Rosemead, CA
Rempe , Ms. Joy	10/7/2014	10/6/2018	Principal of Rempe and Associates, LLC, Idaho Falls, ID
Riccardella , Dr. Peter	9/1/2013	8/31/2021	Founding Member, Structural Integrity Associates, San Jose, CA
Skillman , Mr. Gordon	8/21/2015	8/20/2019	President and Principal, Skillman Technical Resources, Hershey, PA
Stetkar , Mr. John W.	9/5/2015	9/4/2019	Principal, Stetkar & Associates, Hot Springs, AR
Sunseri , Mr. Matthew	6/12/2016	6/11/2020	Independent nuclear industry consultant in the safe operation of large commercial reactors

Total Count of Committee Members

14

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1. Department or Agency

Nuclear Regulatory Commission

2. Fiscal Year

2017

3. Committee or SubCommittee

3b. GSA Committee No.

Advisory Committee on the Medical Uses of Isotopes

1102

4. Is this New During Fiscal Year?

5. Current Charter

6. Expected Renewal Date

7. Expected Term Date

No

8a. Was Terminated During Fiscal Year?

8b. Specific Termination Authority

8c. Actual Termination Date

No

9. Agency Recommendation for Next Fiscal Year

10a. Legislation Req to Terminate?

10b. Legislation Pending?

Continue

Not Applicable

11. Establishment Authority

12. Specific Establishment Authority

13. Effective Date

14. Committee Type

14c. Presidential?

No

15. Description of Committee

16a. Total Number of Reports

11

16b. Report Titles and Dates

Yttrium-90 Microsphere Brachytherapy Sources and Devices TheraSpheres Final Report	10/7/2016
Medical Event Reporting for All Modalities Except for Permanent Implant Brachytherapy Draft Report	3/27/2017
Training and Experience Requirements Subcommittee Status Report	4/26/2017
Medical Event Reporting and Impact on Safety Culture Interim Report	4/27/2017
Medical Event Reporting for All Modalities Except for Permanent Implant Brachytherapy Final Report	4/27/2017
Physical Presence Requirements for the Leksell Gamma Knife Icon, Draft Report	8/17/2017
Nursing Mother Guidelines for the Medical Administration of Radioactive Materials, Draft Report	8/18/2017
Comments on the Draft Patient Release SECY Paper, Draft Report	8/18/2017
Medical Event Reporting and Impact on Medical Licensee Patient Safety Culture, Draft Report	8/18/2017
Medical Event Reporting and Impact on Medical Licensee Patient Safety Culture, Final Report	9/11/2017
Comments on the Draft Patient Release SECY Paper, Final Report	9/11/2017

17a Open:

0

17b. Closed:

0

17c. Partially Closed:

0

17d. Total

0

Current Fiscal Year

Next Fiscal Year

18a(1) Personnel Pmts to Non-Federal Members	\$102,716	\$85,000
18a(2) Personnel Pmts to Federal Members	\$0	\$0
18a(3) Personnel Pmts to Federal Staff	\$233,070	\$238,275
18a(4) Personnel Pmts to Non-member Consultants	\$0	\$0
18b(1) Travel and Per Diem to Non-Federal Members	\$28,207	\$19,200
18b(2) Travel and Per Diem to Federal Members	\$0	\$0
18b(3) Travel and Per Diem to Federal Staff	\$4,325	\$4,800
18b(4) Travel and Per Diem to Non-Member Consultants	\$5,886	\$17,435
18c. Other (rents, user charges, graphics, printing, mail etc.)	\$0	\$0
18d Total	\$374,204	\$364,710
19. Federal Staff Support Years	1.4	1.4

20a. How does the Committee accomplish its purpose?

The NRC staff believes that licensees, the general public, and medical professionals benefit when recognized experts provide advice to the staff. This advice enables staff to develop rules that will maintain public safety, while not inappropriately intruding upon the practice of medicine. The staff provides a summary of issues to be addressed during meetings, and the ACMUI discusses the issues and gives advice and makes recommendations to the Staff. Furthermore, the ACMUI keeps staff abreast of new developments. This ongoing communication helps ensure that staff is aware of important issues during critical stages of rule development. When issues that need special emphasis arise, working groups and subcommittees are formed.

20b. How does the Committee balance its membership?

Membership is balanced by placing individuals of diverse specialty on the committee. For instance, there are members who represent both diagnostic and therapeutic applications of medicine. There are members who have a regulatory function within their specialties. There is a member who represents medicine from an administrative standpoint, and there is a patient advocate member, who represents patients' interests. ACMUI members also perform regular self-evaluations, in which they give feedback on the appropriateness of the committee's composition.

20c. How frequent and relevant are the Committee meetings?

Committee meetings are generally held semi-annually. The committee will hold more frequent meetings when important issues emerge or when issues need timely resolution.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The NRC continues to strive to achieve its goal of creating risk-informed, performance-based regulations that provide for the health and safety of the public while imposing no unnecessary burden on licensees. Furthermore, the medical profession continues to see regular advances that create unique regulatory challenges. The advice and recommendations from medical professionals who are exposed to these advances is crucial to the NRC staff's ability to continue to regulate effectively.

20e. Why is it necessary to close and/or partially close committee meetings?

Meetings are closed to conduct annual ethics briefings, annual allegations training, annual information security awareness training, conduct reviews of paperwork of a personal and confidential nature, and to discuss administrative matters that are purely internal to Committee business. It would be inappropriate to conduct these types of meetings openly. They must be conducted privately to allow Committee members the freedom to ask and answer personal questions and to protect individuals' privacy.

21. Remarks

Designated Federal Officer: **Mr. Douglas Bollock DFO**

Committee Members	Start	End	Occupation
Alderson MD, Dr. Philip O.	3/24/2014	3/23/2018	Health Care Administrator
Costello , Mr. Francis M.	5/12/2014	3/1/2017	Agreement State Representative
Dilsizian MD, Dr. Vasken	5/12/2014	5/11/2018	Nuclear Cardiologist
Ennis MD, Dr. Ronald D.	3/18/2015	3/17/2019	Radiation Oncologist
Langhorst PhD, Dr. Susan M	9/29/2009	9/28/2017	Radiation Safety Officer
Metter MD, Dr. Darlene	3/5/2016	3/4/2020	Diagnostic Radiologist
Palestro MD, Dr. Christopher J.	9/22/2011	9/21/2019	Nuclear Medicine Physician
Sheetz , Mr. Michael	9/29/2017	9/28/2021	Radiation Safety Officer
Suh MD, Dr. John H.	10/18/2010	10/17/2018	Radiation Oncologist
Weil , Ms. Laura M.	8/29/2011	8/28/2019	Patients' Rights Advocate
Zanzonico PhD, Dr. Pat B.	3/8/2010	3/7/2018	Nuclear Medicine Medical Physicist

Total Count of Committee Members

11

2017 Annual Report: Review of Federal Advisory Committee

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1. Department or Agency

Nuclear Regulatory Commission

2. Fiscal Year

2017

3. Committee or SubCommittee

3b. GSA Committee No.

Licensing Support System Advisory Review Panel**1104**

4. Is this New During Fiscal Year?

5. Current Charter

6. Expected Renewal Date

7. Expected Term Date

No

8a. Was Terminated During Fiscal Year?

8b. Specific Termination Authority

8c. Actual Termination Date

No

9. Agency Recommendation for Next Fiscal Year

10a. Legislation Req to Terminate?

10b. Legislation Pending?

Continue**Not Applicable**

11. Establishment Authority

12. Specific Establishment Authority

13. Effective Date

14. Committee Type

14c. Presidential?

No

15. Description of Committee

16a. Total Number of Reports

0

16b. Report Titles and Dates

17a Open:

0

17b. Closed:

0

17c. Partially Closed:

017d. Total **0**

Current Fiscal Year

Next Fiscal Year

18a(1) Personnel Pmts to Non-Federal Members

\$0**\$0**

18a(2) Personnel Pmts to Federal Members

\$0**\$4,000**

18a(3) Personnel Pmts to Federal Staff

\$2,000**\$4,000**

18a(4) Personnel Pmts to Non-member Consultants

\$0**\$8,000**

18b(1) Travel and Per Diem to Non-Federal Members

\$0**\$0**

18b(2) Travel and Per Diem to Federal Members

\$0**\$0**

18b(3) Travel and Per Diem to Federal Staff

\$0**\$0**

18b(4) Travel and Per Diem to Non-Member Consultants

\$0**\$0**

18c. Other (rents, user charges, graphics, printing, mail etc.)

\$0**\$0**

18d Total

\$2,000**\$16,000**

19. Federal Staff Support Years

0.0**0.1**

20a. How does the Committee accomplish its purpose?

The Nuclear Regulatory Commission relied on the Licensing Support Network Advisory Review Panel (LSNARP) for advice and recommendations on the design and operation of the searchable electronic database (Licensing Support Network (LSN)) for documents that were relevant to the licensing of a geologic repository for the storage of high level nuclear waste as defined in 10 CFR 2.1003. The document collection contained electronic copies of all of the material that was used by parties in the NRC's licensing proceeding for a high level radioactive waste repository. The LSN was loaded with more than 3.7 million documents beginning in FY-2004 and continuing through FY-2011. Document addition continued during FY-2011, however, no committee meetings were held since December 2003. DOE had planned on submitting an application to build a high level waste disposal facility at Yucca Mountain, Nevada in December 2004, however delays occurred and in the spring of 2006 DOE issued a revised schedule. DOE certified their LSN document collection in late 2007 and submitted a License application to the NRC in June 2008. The delay in DOE's program negated any need for LSN meetings during this period. During FY 2010 DOE asked to withdraw the Yucca Mountain License Application pending before the NRC. In FY-2011 through FY2017, Congress did not appropriate any funds for DOE or NRC for the Licensing of the Yucca Mountain Application. NRC shut down the licensing review in FY-2011 and preserved the record of the proceeding. The Atomic Safety and Licensing Board that presided over the application hearing ordered the parties to submit their LSN document collections to the NRC Secretary for preservation. The LSN system was decommissioned at the close of FY-2011. Litigation continued before the DC Circuit Court in FY-2012 and in August 2013 the DC Circuit issued a Writ of Mandamus. During FY-2017 the NRC staff worked on documentation of their Supplemental Environmental Impact Statement for the Yucca Mtn repository using carryover funding. In FY 2017 the Commission authorized moving forward with information gathering activities to prepare for reestablishing a Document system should funding be appropriated for resuming the Adjudicatory Proceeding, a virtual meeting is being planned for FY 2018.

20b. How does the Committee balance its membership?

The LSNARP is a "Representational Committee" and the membership was balanced by being drawn from among the full spectrum of parties to NRC's licensing proceeding for the burial of high level radioactive waste. Since the burial site under review is in Nevada, the membership includes the State of Nevada, local county governments of both Nevada and California, Indian tribes (represented by the National Congress of American Indians), and an environmental group (the Nevada Nuclear Waste Task Force). It also included the nuclear industry, the potential licensee (DOE) and the licensing agency (NRC). Input by these representatives was essential to the success of the LSN project. In preparation for a future meeting, the parties have been requested to designate new members as their representatives.

20c. How frequent and relevant are the Committee meetings?

The LSNARP did not meet in FY-2017. Planning for a meeting in FY-2018 was initiated and the organizations represented on the committee were requested to update their representatives' contact information.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The Committee was formed as part of a negotiated rulemaking to oversee the operation of the LSN. The advice provided by the state, county and tribal governmental units, together with other parties and potential users of the LSN and EHD, was unique to this particular computer application. It was not available from other existing committees or within the NRC itself. NRC considers it essential that advice on the design of the software and hardware should come from representatives of the hands-on users of the LSN.

20e. Why is it necessary to close and/or partially close committee meetings?

The LSNARP did not hold any closed meetings in FY 2017.

21. Remarks

Designated Federal Officer: **Dr. Andrew L Bates DFO**

Committee Members	Start	End	Occupation
Bates , Dr Andrew L	6/1/2003	9/30/2018	NRC

Total Count of Committee Members

1