

November 29, 2011

MEMORANDUM TO: Doug Weaver, Deputy Director
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

FROM: Bernard White, Senior Project Manager **/RA/**
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

SUBJECT: SUMMARY OF NOVEMBER 2 - 3, 2011, SPENT FUEL STORAGE
AND TRANSPORTATION REGULATORY CONFERENCE

Background: On November 2 - 3, 2011, the U.S. Nuclear Regulatory Commission (NRC) held the Spent Fuel Storage and Transportation (SFST) Regulatory Conference intended to foster dialogue and stakeholder suggestions to improve the licensing and certification processes for spent fuel transportation and storage, and radioactive material transportation. No regulatory decisions were made at the meeting. Enclosure 1 is the list of meeting attendees. Enclosure 2 is the agenda. Enclosure 3 is a list of the presentation materials.

Discussion: The conference consisted of panels with a mixture of NRC staff and stakeholders with general discussions with stakeholders in the audience. The six panels addressed:

- Licensing Program Improvements
- Rules and Guidance Updates
- Improvements to Storage Regulatory Programs Related to Change Authority under Title 10 Code of Federal Regulations (CFR) 72.48 and Standardized Technical Specifications
- Generic Issues Management
- Inspection Improvement Activities
- Non-Spent Fuel Transportation Challenges

Information discussed within the panels included: scope of review and fee estimation; NRC and industry experience with acceptance reviews and request for additional information procedures; storage Certificate of Compliance renewals; interface between dry cask storage and reactor regulations; NRC and industry thoughts on updating change authority under 10 CFR 72.48; storage Certificates of Compliance and standard technical specifications; addressing issues with generic implications; lessons learned from using the Regulatory Issue Resolution Protocol (RIRP) on two pilot projects; NRC and industry inspection experience; and stakeholder challenges in radioactive material transportation.

The conference was recorded, webcasted, and archived at:

<http://video.nrc.gov/>

The conference also has a permanent website archiving the presentation materials at:

<http://www.nrc.gov/waste/spent-fuel-storage/public-involvement.html>

Ms. Catherine Haney, Director of the Office of Nuclear Material Safety and Safeguards (NMSS), offered the Conference's welcoming remarks. Ms. Haney discussed NMSS's vision, implementation and the effect of external events, such as Fukushima Daiichi and the earthquake near the North Anna nuclear power plant. Ms. Haney also discussed items within the NMSS's control, such as extended storage and transportation and the SFST program improvements, and emphasized the importance of stakeholder interaction to foster improvements staff may not consider.

Dr. Gregory Jaczko, Chairman of the NRC provided the keynote address. Chairman Jaczko shared his views on recent industry developments, as well as events that will affect spent fuel storage and transportation. The events discussed by Chairman Jaczko include the new low-level waste disposal facility in Texas, Yucca Mountain, the Blue Ribbon Commission on America's Nuclear Future, NRC Task Force reviewing the events at Fukushima Daiichi, the NRC's proposed revision to the Waste Confidence rule, and NRC's efforts on extended storage and transportation. Chairman Jaczko's speech can be found on the NRC website at <http://pbadupws.nrc.gov/docs/ML1130/ML11307A380.pdf>

Panel 1: Licensing Program Improvements

Mr. Rod McCullum of the Nuclear Energy Institute (NEI), made some brief remarks at the beginning of the Panel 1 discussion regarding NRC/industry accomplishments over the past year on several topics including stack-up analyses, top nozzle stress corrosion cracking, marine corrosion environment, proposed NRC Interim Staff Guidance No. 25, "Pressure Test and Helium Leakage Test of the Confinement Boundary for Spent Fuel Storage Canister," and risk-informed regulatory framework.

The speakers at the first panel covered a variety of topics including an overview of near-term NRC licensing improvements, NRC and stakeholder views on both fee estimation for licensing reviews and experience with recent revisions to NRC acceptance reviews, and request for additional information procedures. Industry stakeholders expressed general support for NRC's licensing process improvement initiatives, with suggested changes to some of the current/proposed processes. Industry stakeholders suggested that a new regulatory framework is needed sooner rather than later, and that given the maturity of the industry, it should be risk-informed.

When performing an acceptance review pursuant to SFST Office Instruction No. 14, "Acceptance Review," an industry stakeholder noted that NRC should work to increase its effectiveness and efficiency. The stakeholder further stated that there appears to be a lack of clarity between NRC and industry on when a request for supplemental information should be issued vice when the information request would be more appropriate to issue as a request for additional information.

Industry stakeholders expressed concern that there are technical issues that should be resolved prior to evaluating harmonization between the transportation and storage regulatory frameworks for spent fuel in 10 CFR Parts 71 and 72, including delaying the addition of a 10 CFR 72.48-type change authority in Part 71. However, several radioactive material transport certificate holders were in favor of adding this change authority to Part 71 sooner rather than waiting to evaluate whether to harmonize the storage and transportation regulations.

Panel 2: Rules and Guidance Updates

The first NRC presentation provided a brief overview and progress made on NRC's rules and guidance updates. The next two speakers discussed the renewal process for storage casks Certificates of Compliance, from industry and NRC perspectives. NRC provided an update on the draft Interim Staff Guidance No. 26A for high dose rate transfer casks. The final presentation discussed industry views on the interface between the independent spent fuel storage installation (ISFSI) and reactor regulations in 10 CFR Parts 72 and 50, respectively.

Speakers addressed some of the administrative challenges to renewing Certificates of Compliance for generally licensed ISFSIs such as addressing aging issues for storage casks and renewal considerations in 10 CFR 72.240. Industry speaker suggested that NRC move to address these issues earlier rather than later, since the first Certificate of Compliance expires in 2013. A public meeting in 2012 would be appropriate to start addressing these issues.

NRC staff is evaluating whether high dose rates from transfer casks would affect compliance with dose limits in 10 CFR 72.104. Several stakeholders questioned that statement and requests confirmation that regulation pertains only to dose from casks at the ISFSI and not dose that might occur during loading operations. Another stakeholder questioned why the NRC Certificates of Compliance are silent on Part 20 dose limits on plant employees, and specifically referred to the possibility of unmonitored dose to both radiation workers and visitors due to casks on the ISFSI.

Industry stated that it needs clarity on where reactor regulations end and ISFSI regulations begin. Industry stakeholders suggested that the guidance describe operations covered by storage/reactor regulation, and reflect industry insights to ensure regulatory clarity.

Panel 3: Improvements to Storage Regulatory Programs Related to Change Authority under 10 CFR 72.48 and Standardized Technical Specifications

This panel consisted of pairs of presentations, one each by NRC and industry stakeholders, on 10 CFR 72.48 – change authority and standard technical specifications. NEI discussed its plans to request a public meeting with NRC to discuss improvements regarding implementation guidance for this change authority. NRC staff stated that there is inconsistency in the quality of some of the write-ups ensuring compliance with 10 CFR 72.48, and that NRC's expectation is that these write-ups should be traceable to guidance.

While NRC staff discussed its plans for updating NUREG-1745, Standard Format and Content for Technical Specifications for 10 CFR Part 72 Cask Certificates of Compliance" in 2012; several industry stakeholders commented that they believe that it is premature to update NUREG-1745 at this time. Industry discussed that first NRC and industry should work collaboratively, using the 10 CFR Part 50-model, to arrive at the proper requirements for technical specifications. The stakeholders commented that technical specifications for storage Certificates of Compliance are too subjective and more clarity is needed. A stakeholder stated

that the criteria for standard technical specifications should include the need to be verifiable, controllable, and implementable. Industry stakeholders suggested that NRC staff reference the technical specifications policy statement for reactors.

Ms. Vonna Ordaz, Director SFST, provided welcoming remarks to start the conference on the second day. Ms. Ordaz provided three key messages on the SFST business line partners, openness, and safety culture. Ms. Ordaz discussed the SFST business line partners, which include other Offices, Divisions, and all four Regions. With its ongoing initiatives, SFST stakeholder input is vital to their success and effectiveness. Additionally, if any idea previously suggested to SFST, did not get traction, now is the time to reintroduce it. Finally, SFST will be thinking about how safety culture can be factored into both the program, and ongoing and future initiatives.

Panel 4: Generic Issues Management

This panel consisted of pairs of presentations, one each by NRC and industry stakeholders, on issues with generic implications and the RIRP.

NRC presented its approach for developing a process to handle issues with generic implications, rather than handling these issues on an ad hoc basis. Industry stakeholders are concerned that these types of issues affect and even halt loading campaigns, even though regulatory uncertainty concerning their safety significance may exist. Industry stressed that issues with generic implications, especially those that come from inspections, need to be communicated to licensees based on their safety significance.

NRC and NEI presented their experiences and lessons learned on RIRP. Both agreed that clear communication and planning among all involved parties is essential; documented endorsement of screening, planning, and closure forms are beneficial; and meetings between industry and NRC are critical to the protocol's success. NRC stated that timely internal concurrence on resolution closure is important. NEI further posited that the method of obtaining NRC-Industry consensus is important, currently letters seem to work, and that the format of durable record still needs to be worked out. NEI stated that the two pilot issues should be closed, the protocol improved, and used for closure of additional technical issues.

NEI also proposed a framework for an ISFSI frequently asked questions program and pointed SFST to similar programs for security, emergency planning, and reactor oversight program. SFST indicated its willingness to consider a similar program.

Panel 5: Inspection Improvement Activities

NRC and industry stakeholders discussed their views and experience on oversight via the NRC inspection process. NRC presented the results of the internal inspection program assessment resulting from the "Transportation and Storage Licensing, Inspection, and Enforcement Programs Review." Some of the recommendations from this initiative were echoed in later presentations and comments by industry representatives.

Industry stated that it is critical for a predictable regulatory framework to have regulatory and inspection requirements consistently applied. Licensees raised concerns about the dry cask storage inspection program, which has delayed licensee storage programs, being driven by unanticipated concerns raised by NRC inspectors. The licensee stated that SFST inspection Manual Chapter 2690, "Inspection Program for Dry Storage of Spent Reactor Fuel at

Independent Spent Fuel Storage Installations and for 10 CFR Part 71 Transportation Packagings,” has general inspection guidance but allows a significant amount of latitude for individual inspectors.

Stakeholders stated that NRC needs to understand the holistic process that comes out of the inspection program and realize that not all inspection related items have safety significance to stop the loading process. Similar concerns were raised during the Panel 4 discussion on issues with generic implications. Concerns that arise from the inspection program should be communicated based on safety significance to ensure that loading campaigns are not affected by issues with little or no safety significance.

Panel 6: Non-Spent Fuel Transportation Challenges

Panel 6 consisted solely of stakeholders’ presentations and addressed NRC/international regulatory differences, suggested NRC regulatory improvements, and applicant lessons learned through process of obtaining a transport Certificate of Compliance.

Two stakeholders stated that the differences between NRC and international regulations for transportation causes redundant/additional work and has resulted in acceptance of different computer codes by different Competent Authorities, which adds redundant work. A stakeholder suggested that NRC pursue harmonization with European competent authorities as NRC with Canada via NUREG-1886, “Joint Canada - United States Guide for Approval of Type B(U) and Fissile Material Transportation Packages.”

Radioactive material transportation certificate holders also discussed other differences between NRC and international regulations including NRC timely renewal of certificates and its international implications, lack of industrial fissile package (Type IF package) in the U.S., and the difference in sequence of the tests for hypothetical accident conditions.

Certificate holders on the panel expressed concerns on domestic regulation of radioactive material transport including:

- Consistent expectation of reviewers,
- High Cost of some reviews,
- More interdisciplinary discussion between reviewers to ensure consistency in the certificate and safety evaluation report, and
- Consider fee estimation for all submittals and periodic reporting of fees and schedule status.

Mr. Douglas Weaver, Deputy Director SFST, closed the meeting with a short discussion of management’s interest and concern about stakeholders’ comments over the past 2 days. Mr. Weaver encouraged stakeholders to escalate concerns up the management chain for corrective action or as issues occur. Mr. Weaver stated if concerns are communicated early and addressed, we could avoid having these recurring issues at the next regulatory meeting between NRC and stakeholders.

Outcomes of Conference

NRC staff facilitated a summary of the discussion highlights from each day's panel discussions and stakeholder comments. Several stakeholders noted that there were many comments from industry on what needs to be addressed and the summaries given for each panel were accurate and helpful, but stakeholders questioned how NRC would capture and track progress of the issues identified.

Staff is consolidating comments and action items developed during the conference and will prioritize comments and actionable items, dependent on resource implications, to develop a list of items to accomplish with potential timeframes for completion.

TAC No. LA0480

Enclosures: 1. Attendees
 2. Agenda
 3. Presentation Materials

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DATE	11/28/11		11/28/11		11/29/11	

C=Without attachment/enclosure

E=With attachment/enclosure

N=No copy

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SFST Regulatory Conference Attendees:

Name	Affiliation
Huda Akhavannick	NRC
Chris Allen	NRC
Halim Alsaed	Enviro Nuclear Services/Idaho National Laboratory
James Andrachek	Westinghouse Electric Corporation
Stefan Anton	Holtec International
Mike Arnold	Century Industries
Susan Bagley	NRC
Jack Bailey	Beckmen & Associates
Chris Bajwa	NRC
Kristina Banovac	NRC
Anna Bradford	NRC
Eric Benner	NRC
Brian Benney	NRC
Rollie Berry	NRC
Ann Boland	NRC
Joe Borowsky	NRC
Elva Bowden-Berry	NRC
Michael Brasel	Dairyland Power Cooperative
Bill Brown	JL Shepherd & Associates
Michel Call	NRC
Michael Callahan	Governmental Strategies Inc.
Bob Capstick	3 Yankee Companies
Robert Carrion	NRC
James Connell	Maine Yankee Atomic Power Company
Michael Conroy	US DOT
Luis Cruz-Perez	NRC
Tom Danner	NAC International
Jennifer Davis	NRC
Neil Day	NRC
Sara DePaula	NRC
Diana Diaz-Toro	NRC
Andrew Eckhart	Southern California Edison Company
Jennie Eckholt	Xcel Energy
Rhex Edwards	NRC
Randy Elwood	CH2M WG Idaho, LLC
Jeff England	SouthWest Research Laboratory
Steve Ewens	Ameren Missouri
Wren Fowler	NAC International
Norma Garcia-Santos	NRC
John Goshen	NRC
Carlyn Greene	UX Consulting
Brian Gutherman	Gutherman Technical Services
Cathy Haney	NRC
Kimberly Hardin	NRC

SFST Regulatory Conference Attendees:

Name	Affiliation
Troy Hedger	Alpha Omega Services
Bruce Henley	Luminant Power
Robert Howard	Oak Ridge National Laboratory
Craig Hrabal	NRC
Dan Huang	NRC
Honorable Gregory Jaczko	NRC
Kim Jensen	CH2M-WG Idaho, LLC
Marty Karr	USEC
Norman Kent	Transport Logistics International
Andy Langston	Transport Logistics International
Suzanne Leblang	Entergy
Daniel Leduc	Savannah River National Laboratory
Adam Levin	Exelon Generation Company LLC
Mark Lewis	EnergySolutions
Zhian Li	NRC
Christine Lipa	NRC
Yung Lui	Argonne National Laboratory
Richard Lutz	Ameren Missouri
Steven Maheras	Pacific Northwest National Laboratory
Tom Matula	NRC
Andrew Mauer	Nuclear Energy Institute
Richard McAdams	Southern Nuclear Operating Company
Rod McCullum	Nuclear Energy Institute
John Miller	International Isotopes Inc.
Bob Mitchell	Yankee Atomic Electric Company
Tammy Morin	Holtec International
Dr. John Munro III	Source Production & Equipment Company
Marc Nichol	Nuclear Energy Institute
Mike O'Hagan	Department of Energy - Idaho Operations Office
Vonna Ordaz	NRC
Judith Picman	URENCO USA
Jason Ptotter	NRC
David Pstrak	NRC
Beth Quattlebaum	VC Summer Nuclear Station
Robert Quinn	Westinghouse Electric Corporation
Meraj Rahimi	NRC
Deaan Raleigh	Curtiss Wright
Jennevine Rankin	NRC
Kelley Richardt	Source Production & Equipment Company
Randy Robbins	Dominion Power
Kate Roughan	QSA Global
Steve Ruffin	NRC
Michele Sampson	NRC
S. Lee Samson	Xcel Energy
Pierre Saverot	NRC

SFST Regulatory Conference Attendees:

Name	Affiliation
John Schrage	Exelon Corporation
Craig Seaman	NAC International
Dave Shafer	Ameren Missouri
Don Shaw	Transnuclear, Inc.
Terry Sides	Southern Nuclear Operating Company
Jeremy Smith	NRC
Ben Speisman	FirstEnergy Nuclear Operating Company
Eileen Supko	Energy Resources International, Inc.
David Tang	NRC
Kamran Tavassoli	AREVA - Transnuclear Inc.
Robert Temps	NRC
Ray Termini	Exelon Corporation
Patrick Thurman	ZionSolutions
Bob Tripathi	NRC
Mike Valenzano	Transnuclear, Inc.
Luciannne Vechioli	NRC
Peter Vescovi	Transport Logistics International
Gary Walden	Duke Energy
Keith Waldrop	Electric Power Research Institute
Mike Waters	NRC
Doug Weaver	NRC
Ray Wharton	NRC
Bernard White	NRC
Mark Whittaker	Energy Solutions

Final Agenda 2011 SFST Regulatory Conference Conference Theme: “Openness”

The SFST Regulatory Conference is an annual forum to discuss NRC regulatory issues involving spent fuel storage, and the transportation of radioactive material. The Conference provides an opportunity to share with interested stakeholders our regulatory perspectives and initiatives on pertinent licensing, inspection, and regulatory challenges. The forum also provides an opportunity for stakeholders to share experiences and provide insights on improving regulatory oversight in spent fuel storage and transportation. The NRC has objectives of improving openness, regulatory effectiveness, and predictability, while ensuring public health and safety in the storage of spent nuclear fuel and transportation of radioactive material. It is a goal of this conference to achieve these objectives through constructive dialogue with our stakeholders. This year, the conference will come after a separate Technical Exchange Meeting on Spent Nuclear Fuel (November 1, 2011), to discuss in-depth, technical topics related to the storage and transportation of spent nuclear fuel.

Day 1 – Wednesday, November 2, 2011

7:30 - 8:15 AM – Conference Check-in

8:15 - 8:30 AM – Welcome and Introduction – Cathy Haney, Director Office of Nuclear Material Safety and Safeguards, NRC

8:30 - 9:00 AM – Keynote Speaker – NRC Chairman Dr. Gregory Jaczko

9:15 - 11:15 AM – Panel 1: Licensing Program Improvements (Mike Waters – Session Chair)

This session will focus on near term initiatives regarding license program improvements.

Session Introduction – Rod McCollum, Nuclear Energy Institute

1. Overview of Near-Term Licensing Improvements – Kristina Banovac, NRC
2. Scope of Review and Fee Estimation for License Reviews – Jennifer Davis, NRC
3. Stakeholder Views on NRC Licensing Fees – Stefan Anton, Holtec International
4. Experience with Acceptance Reviews and Request for Additional Information – Jennie Rankin, NRC
5. Industry views on Acceptance Review Process – Wren Fowler, NAC International

11:15 AM - 12:45 PM – Lunch
12:45 - 2:30 PM – Panel 2: Rules and Guidance Updates (Kimberly Hardin – Session Chair)

This session will focus on recent and future changes in NRC rules, guidance, and procedures regarding spent fuel storage and transportation regulation.

1. Rules and Guidance Updates – Dan Huang/Matt Gordon, NRC
2. Stakeholder Questions on Certificate of Compliance Renewal – John Goshen, NRC
3. Certificate of Compliance Renewal for Generically Certified Dry Storage Systems – Tammy Morin, Holtec International
4. Shielding and Radiation Protection Guidance for Dry Storage System Reviews — Draft Update – Michel Call, NRC
5. Industry Views on Part 50/72 Interface – Terry Sides, Southern Nuclear

2:45 - 4:30 PM – Panel 3: Improvements to Storage Regulatory Programs Related to Change Authority under 10 CFR 72.48 and Standardized Technical Specifications (Jennifer Davis – Session Chair)

This session will focus on improvements to regulatory programs related to 10 CFR 72.48 change authority during operations and implementation of standardized technical specifications during licensing. The NRC views these as two important areas with opportunities for improvement, given the past 20 years of licensing and operational experience to draw upon. These two areas have also been identified by some stakeholders as areas in which regulatory predictability and consistency could be improved.

1. 10 CFR 72.48 Oversight Enhancement – Ray Wharton, NRC
2. Status of Update to Guidance for Implementation of 10 CFR 72.48 – Zita Martin, Tennessee Valley Authority
3. NRC Perspectives on Standard Technical Specifications – Bernard White, NRC
4. Industry Perspective on 10 CFR 72 CoC and Technical Specification Improvement – Brian Gutherman, Gutherman Technical Services

4:45 - 5:15 PM – Summary Discussion of Panels (Facilitated by Steve Ruffin)

Day 2 – Thursday, November 3, 2011

7:30 - 7:45 AM – Welcome Remarks – Vonna Ordaz, Director, Division of Spent Fuel Storage and Transportation

7:45 - 9:30 AM – Panel 4: Generic Issues Management (Eric Benner – Session Chair)

This session will focus on how to best manage generic issues in licensing and inspection.

1. Addressing issues with Generic Implications – Norma Garcia-Santos, NRC/SFST
2. Impact of Generic Issues on Individual Licensees - Suzanne Leblang, Entergy
3. Lessons learned from Regulatory Issue Resolution Protocol (RIRP) pilots – Sara DePaula and Jason Piotter, NRC
4. Industry Developed Generic Issue Resolution Programs – Marc Nichol, NEI

10:00 - 11:30 AM – Panel 5: Inspection Improvement Activities (Eric Benner – Session Chair)

This session will share status of the recently performed improvement evaluation discussed at the July 27, 2011, workshop. The workshop meeting notice is located at ADAMS Accession No. ML11157A117 accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html>.

1. Transportation and Storage Licensing, Inspection, and Enforcement Programs Review – Tom Matula, NRC/NMSS
2. Regional Experiences and Challenges – Christine Lipa, NRC Region III
3. Exelon Experience and Observations with Regulatory Oversight / Inspections of Dry Cask Storage Implementation and Operations – Ray Termini, Exelon
4. Inspections – Stefan Anton, Holtec International

11:30 AM - 1:00 PM – Lunch

1:00 - 3:30 PM – Panel 6: Non-Spent Fuel Transportation Challenges (Michele Sampson – Session Chair)

This session will focus on regulatory challenges in the radiography, fresh fuel, waste, and medical isotope transportation arena. The radioactive materials transportation program represents a broad spectrum of stakeholders and regulatory challenges, whose issues may be unique from those specific to spent nuclear fuel storage and transportation.

A panel of industry experts will discuss their experience, challenges, and lessons learned from recent transportation licensing actions:

- Michael Valenzano – AREVA
- Norman Kent – Transport Logistics International
- Mark Whittaker – Energy Solutions
- Kate Roughan – QSA Global
- Troy Hedger – Alpha Omega Services
- Bill Brown – JL Shepherd & Associates

4:00 - 4:45 – Summary Discussion of Panels and Future Conference Discussions (Facilitated by Bernard White)

4:45 - 5:00 PM – Closing Remarks – Doug Weaver, Deputy Director, Division of Spent Fuel Storage and Transportation

Presentation Materials:

The NRC Web-based access tool, located at <http://www.nrc.gov/reading-rm/adams.html#web-based-adams> will enable you to search for NRC public documents in the Agencywide Documents Access and Management System (ADAMS) database. ADAMS documents are provided in Adobe Portable Document Format (PDF).

Day 1 (November 2, 2011):

Welcoming Remarks: Catherine Haney, Director Office of Nuclear Material Safety and Safeguards, NRC (ADAMS Accession No. ML113130484)

Keynote Address: Honorable Gregory Jaczko, NRC Chairman (ADAMS Accession No. ML113130477)

Panel 1: Licensing Program Improvements

Overview of Near-Term Licensing Improvements: Kristina Banovac, NRC (ADAMS Accession No. ML113130487)

Scope of Review, Fee Estimation for License Reviews and Historical Casework Cost Estimates: Jennifer Davis, NRC (ADAMS Accession Nos. ML113130489, ML113130494, and ML113130493)

Stakeholder Views on NRC Licensing Fees: Stefan Anton, Holtec International (ADAMS Accession No. ML113130460)

Experience with Acceptance Reviews and Request for Additional Information: Jennie Rankin, NRC (ADAMS Accession No. ML113130500)

Industry views on Acceptance Review Process: Wren Fowler, NAC International (ADAMS Accession No. ML113130496)

Panel 2: Rules and Guidance Updates

Rules and Guidance Updates: Dan Huang/Matt Gordon, NRC (ADAMS Accession No. ML113130507)

Stakeholder Questions on Certificate of Compliance Renewal: John Goshen, NRC (ADAMS Accession No. ML113130505)

Certificate of Compliance Renewal for Generically Certified Dry Storage Systems: Tammy Morin, Holtec International (ADAMS Accession No. ML113130511)

Shielding and Radiation Protection Guidance for Dry Storage System Reviews — Draft Update: Michel Call, NRC (ADAMS Accession No. ML113130501)

Industry Views on Part 50/72 Interface: Terry Sides, Southern Nuclear (ADAMS Accession No. ML113130513)

Panel 3: Improvements to Storage Regulatory Programs Related to Change Authority under 10 CFR 72.48 and Standardized Technical Specifications

10 CFR 72.48 Oversight Enhancement: L. Raynard Wharton, NRC (ADAMS Accession No. ML113130525)

Status of Update to Guidance for Implementation of 10 CFR 72.48: Zita Martin, Tennessee Valley Authority, (presented by Marc Nichols, NEI) (ADAMS Accession No. ML113130517)

NRC Perspectives on Standard Technical Specifications: Bernard White, NRC ADAMS Accession No. ML113130531)

Industry Perspective on 10 CFR 72 CoC and Technical Specification Improvement: Brian Gutherman, NEI (ADAMS Accession No. ML113130514)

Day 2 (November 2, 2011):

Panel 4: Panel 4: Generic Issues Management

Addressing Issues with Generic Implications: Norma Garcia-Santos, NRC (ADAMS Accession No. ML113130538)

Impact of Generic Issues on Individual Licensees, Suzanne Leblang, Entergy (ADAMS Accession No. ML113130539)

Lessons Learned from the Regulatory Issue Resolution Protocol (RIRP) Pilots: Sara DePaula and Jason Piotter, NRC (ADAMS Accession No. ML113130533)

Industry Developed Generic Issue Resolution Programs Used Nuclear Fuel Storage and Transportation, Marc Nichol, NEI (ADAMS Accession No. ML113130542)

Panel 5: Inspection Improvement Activities

Transportation and Storage Licensing, Inspection, and Enforcement Programs Review: Thomas Matula, NRC (ADAMS Accession No. ML113130546)

Regional Experiences and Challenges: Christine Lipa, NRC (ADAMS Accession No. ML113130545)

Exelon Experience and Observations with Regulatory Oversight / Inspections of Dry Cask Storage Implementation and Operations: Raymond A. Termini, Exelon Generation Company (ADAMS Accession No. ML113130548)

Inspections: Dr. Stefan Anton, Holtec International (ADAMS Accession No. ML113130543)

Panel 6: Non-Spent Fuel Transportation Challenges

International and Domestic Licensing of Packages: Mike Valenzano, Transnuclear, Inc. (ADAMS Accession No. ML113130561)

International Perspective on Radioactive Material Package Approvals: Norman Kent, Transport Logistics International (ADAMS Accession No. ML113130558)

Recent Experience with Type B Package Licensing: Mark Whittaker, CHP, EnergySolutions (ADAMS Accession No. ML113130562)

Non-SNFT Issues & Challenges: Kate Roughan, QSA Global (ADAMS Accession No. ML113130560)

A Long and Costly Road Lessons Learned in the Submission Process: Troy Hedger, Alpha-Omega Services, Inc. (ADAMS Accession No. ML113130556)

Transportation of Sources in Special Form: William Brown, J.L. Shepherd & Associates (ADAMS Accession No. ML113130554)