



Joint Meeting of the Radioactive Materials Transportation Committee & the Transuranic Waste Transportation Working Group

Hyatt Regency Denver Tech Center
Denver, Colorado | June 6, 2024

Meeting Summary

The Southern States Energy Board's (SSEB) Joint Meeting of the Radioactive Materials Transportation Committee and the Transuranic Waste Transportation Working Group was held on June 6, 2024. The event was held at the Hyatt Regency Denver Tech Center in Denver, Colorado in conjunction with the 2024 National Transportation Stakeholders Forum (NTSF) Annual Meeting.

Mr. Christopher Wells, Director of Nuclear Programs for the Southern States Energy Board, welcomed the group, communicated a few administrative matters, and provided general logistical announcements. Additionally, Mr. Wells informed members the meeting would be brief because program updates had been delivered to the entire audience during the NTSF Closing Session. More specifically, he noted the gathering would consist of only six formal PowerPoint presentations in addition to possible quick visits from federal agency partners to address programmatic questions and/or concerning issues. Following these comments, Mr. Wells introduced Mr. Mark Wyland of Georgia who was serving as the Chairman of the Transuranic Waste Transportation Working Group. Afterwards, Mr. Wyland formally called the meeting to order by commencing with the introduction of all meeting participants. Following introductions, he began calling forth the presenters as listed on the meeting agenda.

Mr. Michael Gerle, Environmental Regulatory Compliance Division Director at the U.S. Department of Energy's Carlsbad Field Office (DOE-CBFO) was the first speaker to address the Committees. Mr. Gerle discussed the Legacy TRU Waste Disposal Plan as a

condition of the New Mexico Environment Department's (NMED) Hazardous Waste Facility Permit issued to the WIPP site on November 3, 2023. The major factors of the Plan were to provide definitions for legacy TRU and TRU mixed waste and provide an outlook of how Panel 12 will be reserved for disposal of legacy TRU and TRU mixed waste. Mr. Gerle displayed a graphic of the mining layout of the WIPP underground and highlighted the location of Panel 12. Next, he explained how DOE-CBFO would consult with its generator sites and stakeholders to meet the conditions of the NMED Permit.

The second individual to speak at the gathering was Mr. Brad Sperber with the Keystone Policy Center. Mr. Sperber noted his organization was one of DOE's consent-based siting consortia awardees. Their focus was building community capacity to achieve consent. More specifically, Keystone wants to engage with a few communities and delve into the process of learning about and considering potentially contentious siting and infrastructure projects. They plan to host a series of workshops with the ultimate goal being to gather recommendations and insight from the communities on how to better approach and implement a fair, balanced and effective consent-based siting process.

The next speaker to talk to the group was Mr. Daniel Ogg, Executive Director of the U.S. Nuclear Waste Technical Review Board. He began by discussing the Board's historical origins and mission. Mr. Ogg also revealed the Board's structure in terms of member requirements, Board duties, meetings, and the current Board roster. He talked about past and future meetings as well as recent reports issued by the Board. One of the reports involved evaluating DOE's research and development activities on disposition of commercial spent nuclear fuel in dual-purpose canisters. Mr. Ogg gave a detailed explanation of the Board's findings and recommendations in association with the topic.

The next presenter to confer with the Committees was Mr. Kiran Karanth, the Program Manager of the Fuel Receipt Programs for the Savannah River Site (SRS). He talked about the overarching program of the National Nuclear Security Administration's Material, Management and Minimization (M3) Program. Mr. Karanth noted his duties fell under the auspices of M3's Office of Nuclear Material Removal. He linked his work tasks to the "Atoms for Peace" program and noted the foreign research reactor program

will conclude in FY-29 although shipments from Japan are expected to continue beyond the date. The overseas shipments enter the U.S. via the Joint Base Charleston. There have been more than 70 receipts from over 30 countries since 1996. He showed slides of routes used for the recently completed Canadian shipments as well as graphics and statistics for the domestic receipt program. Lastly, he displayed pictures of the various Type-B transportation packages used to bring fuel to SRS and the current mission being undertaken at the site's L Area.

The Transportation Emergency Preparedness Program (TEPP) Update was given by Dan Mills of TRG Incorporated. He informed the Committees he would provide an overview of the TEPP mission, FY24 training taken place to date, FY24 activities scheduled for the near future, training program revisions, improvement projects and available website resources. He displayed a national chart with the FY 2024 training courses as well as the number of students who have received credit. Afterwards, Mr. Mills showed a slide specifically with the projected training and exercise activities in the southern region for FY24. He quickly reviewed the 2024 MERRTT revision cycle. Mr. Mills transitioned to the TEPP Improvement Projects and noted their collaboration with other agencies before concluding with the description of the TEPP website resources.

The final speaker for the SSEB Radioactive Materials Transportation Committees Meeting was Nicolas Guibert, Project Manager for ORANO. He provided an update to the intermodal transport from the Crystal River Nuclear Plant in Florida to Waste Control Specialist in Andrews, Texas. He described a process which would include the packaging of four components: reactor vessel closure head; and reactor internals segmented into three components. Mr. Guibert showed a chart with the physical dimensions of the packages used to transport the components. Next, he addressed transportation logistics. He showed a picture and diagram of the extremely large transporter which was used to move the packages from the mausoleum to the barge slip and would be used again for heavy haul transport to WCS. Mr. Guibert proceeded to show pictures of the barge transport used for the second phase, which involved a deep-water direct passage from Florida to Texas. He displayed two routes from the port of entry in Texas to WCS. Lastly, he provided a schedule (completed and anticipated) for

the various phases of the transportation campaign and briefly discussed the security and regulatory preparations applicable to escorting, tracking, response, weight, and code of federal regulation requirements.

The remaining portion of the meeting consisted of a round table discussion to highlight the activities of all states in attendance. After all states had provided an update, Mr. Wells reported on the status of activities at SSEB.

The final order of business at the meeting was the announcement of the location and date of the next meeting of the Radioactive Materials Transportation Committee and the Transuranic Waste Transportation Working Group. Since the group continues to meet in conjunction with the NTSF for their Spring meeting, it was reported they would convene for the winter gathering in the December timeframe. Potential locations included Tampa (FL) or New Orleans (LA).

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