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To: ForeignTravel
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Subject: Quick Look Report: GAN-DOE-NRC Moscow Workshops & Meetings

FOREIGN TRAVEL

Workshops and Meetings with Russian Federation's Gosatomnadzor to Discuss Licensing Activities in the Russian Federation Plutonium Disposition Program, July 21 - August 1, 2003

During July 21 - August 1, 2003 staff from NMSS, NRR and RES participated in a series of workshops and meetings in Moscow to support the Department of Energy (DOE) and RF Gosatomnadzor (GAN) in discussion on topics related to the U.S. and Mixed Oxide Fuel Fabrication Facility (MFFF) regulatory requirements and reviews.

On July 21-23, 2003, Frank Akstulewicz and Undine Shoop, NRR, Richard Lee, RES, and Wilkins Smith, NMSS, made presentations at a GAN Workshop to Discuss MOX Fuel Qualification and Other Issues Pertaining to the Plutonium Disposition Program. Presentations and discussions on U.S. and Russian MOX fuel licensing requirements, testing and review of fuel qualification lead test assemblies, and U.S. neutronics methods for MOX. Russian participants also included TVEL, GSPI, and REA (Russian VVER plant operator).

On July 24-25, 2003, Wilkins Smith, NMSS, participated, at DOE request, in meetings with DCS and their Russian counterparts, TVEL and GSPI, DOE and GAN. Presentations and discussions of the U.S. and Russian regulatory processes documents, roles and responsibilities applicable to the U.S. and Russian MOX fuel fabrication facilities (MFFF) were made by DCS, GAN, the Russian Federation Ministry of Natural Resources, and NRC.

On July 28 - August 1, 2003, NRC staff conducted a seminar for GAN in Moscow on the U.S. MFFF regulations and guidance documents, safety reviews and conclusions in the following areas: Wilkins Smith, NMSS, presented an overview of the MFFF project, fabrication, and licensing process, and a presentation on the MFFF regulatory requirements, reviews, and conclusions for electrical systems. Paul Loeser, NRR, made presentations in the area of I&C systems and the relevant software QA issues. Joel Kramer, RES, presented the human factors engineering requirements, reviews and conclusions for the MFFF project. This seminar was the second in a series of training workshops that the staff intends to conduct for GAN on MFFF-related subjects. DOE requested that NRC conduct these seminars to convey information about the staff's review of the domestic MFFF to GAN, since GAN has adopted the design of the domestic MFFF for the Russian MFFF.

CC: Andrew Persinko; Brian Smith; David Brown; Frank Akstulewicz; Frederick Burrows; Joel Kramer; Kathy Gibson; Lidia Roche; Paul Loeser; Richard Lee; Timothy Johnson; Undine Shoop

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