



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

January 25, 2022

ALL AGREEMENT STATES  
NON-AGREEMENT STATES  
FEDERALLY RECOGNIZED TRIBES

THE U.S. NUCLEAR REGULATORY COMMISSION'S REGULATORY READINESS FOR  
OVERSIGHT OF LARGE-SCALE COMMERCIAL TRANSPORTATION OF SPENT NUCLEAR  
FUEL REPORT (STC-22-006)

**Purpose:** To inform the Agreement States, Non-Agreement States, and Federally Recognized Tribes that the U.S. Nuclear Regulatory Commission's (NRC's) Office of Nuclear Material Safety and Safeguards has completed a review of the regulatory framework to ensure the agency's readiness to perform its oversight role in a potential large-scale commercial transportation campaign of spent nuclear fuel (SNF) in the future.

**Background:** The NRC staff has completed a review of its regulatory readiness for oversight of commercial SNF transportation. The project focused on the adequacy of the existing packaging and transportation regulations, related guidance documents, coordination among the different agencies with regulatory responsibility, and the safety and security inspection procedures for transportation of SNF.

**Discussion:** The NRC staff review concluded that the NRC is prepared for possible increased transportation of SNF, with no need for any changes in the regulations for safety or security. The review also concluded that the NRC and its Federal partners have well-established and strong working relationships for oversight of transportation of radioactive material, including SNF.

The review report documenting the results and recommendations, entitled "NRC's Regulatory Readiness for Oversight of Large-Scale Commercial Transportation of Spent Nuclear Fuel," is available in the NRC's Agencywide Documents Access and Management System (ADAMS) at Accession No. [ML21298A164](#). The review report provided specific recommendations that the NRC, among other things, update and consolidate some of its inspection procedures related to SNF shipments and perform public outreach to inform its stakeholders and members of the public about the review results. This outreach will include public meetings, webinars, updates to the NRC website, and meetings with Congress, States, Tribal nations, and Federal partners who also have a role in future transportation campaigns of SNF. To this end, the NRC will conduct a virtual public meeting on February 2, 2022, to discuss the review report, including the regulatory roles of the NRC, U.S. Department of Transportation, and the Department of Homeland Security and the review results. This is an information and Q&A meeting.

Open the NRC's Public Meeting Schedule on the following link and scroll down to the 2/2/22 meeting date: <https://www.nrc.gov/public-meetings-and-involvement/about-meetings-open-to-the-public/public-meeting-schedule.html>

Detailed meeting information is available in ADAMS: [ML22019A074](#) – February 2, 2022 U.S. Nuclear Regulatory Commission Regulatory Readiness for Oversight of Potential Large-Scale Commercial Transportation of Spent Nuclear Fuel.

If you have any questions regarding this communication, please contact the individual named below:

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Signed by Anderson, Brian  
on 01/25/22

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STC-22-006 The NRC Regulatory Readiness for Oversight of Large-Scale Commercial Transportation of Spent Nuclear Fuel Report DATE January 25, 2022

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