



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

March 17, 2023

ALL AGREEMENT STATES  
NON-AGREEMENT STATES

NOTIFICATION OF UPCOMING DEPARTMENT OF ENERGY ISOTOPE PROGRAM  
VIRTUAL ROUNDTABLE ON ACCELERATOR-PRODUCED ACTINIUM-225 WITH THE  
UNITED STATES NUCLEAR REGULATORY COMMISSION (STC-23-016)

**Purpose:** To provide notice that the Department of Energy (DOE) Isotope Program (IP) is hosting a virtual roundtable with the NRC on accelerator-produced actinium (Ac)-225.

**Background:** The purpose of the DOE IP and NRC roundtable is to share information about the current regulatory landscape for accelerator-produced Ac-225. The DOE IP is increasing routine supply of Ac-225. One production method is irradiation of thorium with high energy protons to produce Ac-225 through spallation, which can produce significant quantities of Ac-225. This method co-produces Ac-227 that is  $\leq 2$  percent of total activity at time of product release.

**Discussion:** The meeting will be held virtually on **March 21, 2023, from 2:00 p.m. to 4:00 p.m. ET**. Individuals interested in participating in the meeting can register at this [link](#). Individuals can also submit questions during registration. The roundtable will include presentations from the DOE IP, NRC, and Agreement States staff followed by Q&A session. The roundtable will also be recorded. More information, including the registration link, is available at <https://www.isotopes.gov/node/1246>.

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

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A handwritten signature in black ink, appearing to read "Bethany Cecere".

Signed by Cecere, Bethany  
on 03/17/23

Bethany Cecere, Acting Chief  
State Agreement and Liaison Programs Branch  
Division of Materials Safety, Security,  
State, and Tribal Programs  
Office of Nuclear Material Safety  
and Safeguards

STC-23-016 NOTIFICATION OF UPCOMING DOE ISOTOPE PROGRAM VIRTUAL ROUNDTABLE ON ACCELERATOR-PRODUCED ACTINIUM-225 WITH THE NRC DATE March 17, 2023

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DATE	Mar 14, 2023	Mar 15, 2023	Mar 17, 2023	

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