



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

January 13, 2022

SECRETARY

MEMORANDUM TO: Daniel H. Dorman  
Executive Director for Operations

FROM: Annette L. Vietti-Cook, Secretary

SUBJECT: STAFF REQUIREMENTS – SECY-21-0013 – RULEMAKING  
PLAN TO ESTABLISH REQUIREMENTS FOR RUBIDIUM-82  
GENERATORS AND EMERGING MEDICAL TECHNOLOGIES

The Commission has approved the staff's recommended Option 3, to initiate a rulemaking that would address rubidium-82 generators along with all current, well-established emerging medical technologies (EMTs), plus create added flexibility throughout Title 10 of the *Code of Federal Regulations* Part 35, "Medical Use of Byproduct Material," to accommodate future EMTs.

If the staff finds that the complexity of this approach would result in a timeframe substantially longer than the current estimate, the staff should notify the Commission and provide a recommendation about whether to proceed with a more targeted rulemaking to address only Rb-82 generators, gamma stereotactic radiosurgery units, and yttrium-90 microspheres, as envisioned in Option 2

cc: Chairman Hanson  
Commissioner Baran  
Commissioner Wright  
OGC  
CFO  
OCA  
OPA