

71-9320



U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

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Letterbook No.: SFD-06-089

October 24, 2006

**Subject: Notification of Planned Submittal Date for
MIDUS Transportation Package
Application for Approval (Docket No. 71-9320)**

Dear Sir or Madam,

Pursuant to the discussion between EnergySolutions Spent Fuel Division (ES-SFD) staff and U.S. Nuclear Regulatory Commission (NRC) staff in a presubmittal meeting held in NRC's offices on September 28, 2006, this letter provides notification of the planned date for submittal of the MIDUS transportation package application for approval under Title 10, Code of Federal Regulations, Part 71 (10CFR71).

ES-SFD intends to submit the application for approval, including the MIDUS transportation package safety analysis report, to NRC on or before November 14, 2006.

As previously discussed with NRC staff by both ES-SFD staff and representatives of Tyco Mallinckrodt Medical, in presubmittal meetings held on September 28, 2006 and November 3, 2005, MIDUS will be used to serve a critical need of the U.S. medical healthcare system. This package will be used to ship ⁹⁹Mo for approximately 14.5 million diagnostic imaging procedures annually in the U.S. alone. It will replace an existing package whose certificate holder has expressed a desire to discontinue support of the system, placing future shipments at risk. The new package design will ensure continued service, plus offer several advantages: U.S. licensing to the latest standards and lessons learned, a lower transport index, and fewer annual shipments. Approval of the MIDUS package as expeditiously as possible will help ensure that this urgently needed medical isotope remains available, and that the benefits of lowered radiation exposure to the public will be realized as soon as possible.

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ENERGYSOLUTIONS
Spent Fuel Division

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If the NRC staff has any questions, please contact the undersigned at (408) 558-3509.

Sincerely,



Steven E. Sisley, P.E.
Licensing/Regulatory Compliance Manager

cc: Mr. E. W. Brach, Director, Division of Spent Fuel Storage and Transportation
Ms. N. Osgood, Division of Spent Fuel Storage and Transportation
Mr. R. Emmelkamp, Tyco Mallinckrodt Medical B.V.