

May 11, 2001

MEMORANDUM TO: Ronald D. Hauber, Deputy Director  
Office of International Programs

FROM: John T. Greeves, Director */RA/*  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: PROPOSED IMPORT OF DEPLETED URANIUM FROM THE UNITED  
KINGDOM (IW008/001)

Your memorandum of March 12, 2001, requested our review of the subject waste import license amendment application from Starmet CMI, Inc. We have reviewed the information you provided against the technical criteria in 10 CFR 110 and have prepared the enclosed request for additional information. Given the kinds of information we are requesting, we believe it would be helpful if the applicant were reminded that 110.7a(b) requires that information submitted be complete and accurate. If you have any questions, please contact James Kennedy of my staff at 301-415-6668.

Enclosure: as stated

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<b>DATE</b>	5 /8/01		5/8/01		5 /11 01/		/ /	

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**Request for Additional Information on Starmet CMI, Inc. Request to Amend  
NRC Import License IW008**

1. 10 CFR 110.32(f)(5) states that, for proposed imports of radioactive waste, the volume and the ultimate disposition (including forms of management) of the waste, should be described. Similarly, 10 CFR 110.32(f)(6) states that the industrial or other process responsible for generation of the waste should be described. Various letters concerning the Starmet amendment application are unclear on these points. The applicant's February 2, 2001, letter indicates that their previous statement that "disposal of the depleted uranium material being imported may be disposed of radioactive waste" is incorrect, and that all material will be beneficially used to make oxide or DuCrete. There is no description of the waste that the application covers, or its disposition, other than a February 6, 2001, letter from the Atlantic Compact to NRC. This letter indicates that, based on discussions with the applicant, the importation and processing of this material will result in a very small volume of secondary waste that will require disposal in a licensed radioactive waste facility. Another area that is unclear is contained in Starmet's December 19, 2000, and February 2, 2001, letters, which state that the depleted uranium *may* (emphasis added) be placed in furnaces for oxidation. The application does not describe what other alternative processing might be used, and the management of any resulting waste. The applicant should specifically address §110.32(f)(5) and §110.32(f)(6) regarding the amounts, processing, and ultimate disposition of any waste, including the facility where it may be disposed of. If a facility other than Barnwell will be used for disposal of radioactive waste, it should also be identified and addressed.
2. The applicant should confirm that receipt of this additional depleted uranium identified in the license application will not exceed the possession limit for Starmet's current license with the State of South Carolina.

Enclosure