

January 25, 2001

MEMORANDUM William D. Travers  
TO: Executive Director for Operations  
FROM: Annette L. Vietti-Cook, Secretary /RA/  
SUBJECT: STAFF REQUIREMENTS - COMSECY-00-0040 - REQUEST TO RECEIVE MAYWOOD AND WAYNE, NEW JERSEY, FUSRAP MATERIAL FOR DISPOSAL

The Commission has approved the letter to Envirocare of Utah subject to the changes shown in the attachment.

Attachment: Revised letter to Envirocare of Utah

cc: Chairman Meserve  
Commissioner Dicus  
Commissioner Diaz  
Commissioner McGaffigan  
Commissioner Merrifield  
OGC  
CIO  
CFO  
OCA  
OIG  
OPA  
Office Directors, Regions, ACRS, ACNW, ASLBP (via E-Mail)  
PDR

SECY NOTE: THIS SRM AND COMSECY WILL BE MADE PUBLICLY AVAILABLE 5 BUSINESS DAYS AFTER THE LETTER IS DISPATCHED TO ENVIROCARE.

ATTACHMENT

## Revised letter to Envirocare of Utah

Envirocare of Utah, Inc.  
Attn: Kenneth L. Alkema  
Senior Vice President  
46 West Broadway, Suite 116  
Salt Lake City, UT 84101

RE: REQUEST TO RECEIVE MAYWOOD AND WAYNE, NEW JERSEY FUSRAP MATERIAL FOR DISPOSAL

Dear Mr. Alkema:

This is in response to Envirocare of Utah's (Envirocare) letter ~~dated of~~ September 15, 2000, ~~regarding concerning the U.S. Army Corps of Engineers (Corps) request that Envirocare Maywood and Wayne, New Jersey Formerly Utilized Sites Remedial Action Program (FUSRAP) sites. You state in the letter that the U.S. Army Corps of Engineers (Corps) has requested that you seek an approval from the U.S. Nuclear Regulatory Commission (NRC) to receive Formerly Utilized Sites Remedial Action Program (FUSRAP) waste from the Wayne and Maywood and Wayne sites. As will be discussed below, the NRC is unable to grant such an approval, in its entirety, at this time.~~

In recent years, the NRC has made clear its position that it lacks jurisdiction over tailings produced at a facility not at a site licensed by the NRC on the effective date of the Uranium Mill Tailings Radiation Control Act of 1978 (UMTRCA) in 1978 or thereafter. This includes certain material ~~from at~~ FUSRAP sites. As you are aware, on December 13, 2000, the staff issued a Director's Decision in response to your petition filed pursuant to 10 CFR § 2.206. The Snake River Alliance submitted a similar petition that was considered in conjunction with Envirocare's petition. The Director's Decision constitutes the final agency position on this matter, ~~provided the Commission does not take the decision up for review pursuant to 10 CFR 2.206(e).~~

~~Since~~ Because the Wayne site ~~was not~~ has not been under NRC or Agreement State license on the effective date of since 1974, four years prior to enactment of the Uranium Mill Tailings Radiation Control Act of 1978 ( UMTRCA ) , or thereafter, we do not agree with the determination that FUSRAP material from the Wayne site constitutes 11e.(2) byproduct material. Accordingly, Envirocare ~~would is not be~~ authorized to accept the Wayne FUSRAP waste under its current license because the procedures set out as an attachment to Envirocare's March 8, 1994 letter, which are incorporated in the Envirocare license by condition 9.3, prohibit ~~the~~ disposal of waste other than 11e.(2) mill tailings in the 11e.(2) cell. For the same reason, Envirocare ~~would is not be~~ authorized to accept wastes originating from other pre-1978 FUSRAP tailings sites  ~~,~~ such as the St. Louis, Missouri and Niagara Falls, New York sites.

It is our understanding that the Maywood site to which you refer is the Stepan Company facility, portions of which are

currently licensed by the NRC under license number STC-1333. We note that the Maywood licensee is authorized to possess material stored in three burial pits and that this material is described as alkaline thorium phosphate tailings. Envirocare should verify through the Corps that the material it proposes to accept from the Maywood site is ~~the material in from the three~~ burial pits licensed by the NRC ~~in 1978 and thereafter~~. Envirocare should ensure that the disposal of the material is in conformance with the conditions of its license. Having met these conditions, Envirocare is authorized to accept this material for disposal.

It is also our understanding that some of the material that would be received from the Maywood site is material other than that stored in the NRC-licensed pits. ~~We understand that this material was not licensed by the NRC in 1978 and thereafter.~~ For the same reasons detailed for the Wayne site above, Envirocare ~~would~~ is not ~~be~~ authorized under its current license to accept Maywood material from these areas ~~of the site other than the three NRC-licensed pits.~~

Envirocare may request a license amendment to allow it to receive and dispose of pre-UMTRCA mill tailings, including material from the Wayne and Maywood sites. The amendment could provide that, notwithstanding the procedures set forth in the March 8, 1994 letter, pre-UMTRCA mill tailings may be disposed of in the 11e.(2) cell ~~if such disposal provides adequate protection of public health, safety and the environment.~~ On November 30, 2000, NRC issued interim guidance on disposal of non-11e.(2) byproduct material in tailings impoundments, as an attachment to NRC Regulatory Issue Summary 2000-23, "Recent Changes to Uranium Recovery Policy."

We understand that the Wayne and Maywood site material is radiologically, physically and chemically similar to and compatible with materials already being disposed of in the 11e.(2) cell, and we note that disposal in an 11e.(2) cell will provide adequate protection of the public health, safety, and the environment. Therefore, NRC would exercise Enforcement Discretion, and would not object to continued disposal of pre-UMTRCA mill tailings while Envirocare prepares, and NRC reviews, a license amendment request to dispose of such material in the manner described above. We would allow Envirocare 120 days from the date of this letter to prepare and submit to NRC its license amendment request to dispose of pre-UMTRCA mill tailings in its 11e.(2) cell.

In accordance with 10 CFR 2.790, a copy of this letter will be available for public inspection in the NRC Public Document Room or electronically from the Publicly Available Records (PARS) component of NRC's document management system (ADAMS). ADAMS is accessible from the NRC Web site at </reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions, please contact Harold Lefevre of my staff, either by telephone at (301) 415-6678, or by e-mail at [hel@nrc.gov](mailto:hel@nrc.gov).

Sincerely,

Michael F. Weber, Director  
Division of Fuel Cycle Safety & Safeguards  
Office of Nuclear Material Safety & Safeguards

Docket No. 40-8989  
License No. SMC-1559

cc: W. Sinclair, Utah Division of Radiation Control  
T. Brown, EPA, Region 8, Denver, CO  
T. McDonald, USACE, Washington, DC