

**REGION I TECHNICAL ASSISTANCE REQUEST FORM**

**Date:** January 19, 2000

**To:** **Donald A. Cool, Director**  
**Division of Industrial and Medical Nuclear Safety, NMSS**  
**(Mail Stop: T8-F5, if e-mail cc: CLE)**

**From:** **George Pangburn, Director**  
**Division of Nuclear Materials Safety**  
***Original signed by Frank Costello***

**Licensee:** II-VI Incorporated

**Package Name:** STA-1455 127520 **Package Accession No.:** ML003673667

**License No.:** STA-1455 **Docket No.:** 04008868

**Control No.** 127520 **(if applicable)**

**Letter Dated:** November 16, 1999, January 18, 2000 **(if applicable)**

**Enforcement Action being held in abeyance:**  **Yes**  **No**

**Suggested change in licensing procedure (enclosed):**

**Problem/Issue:**

The Licensee filters liquid effluent to remove hazardous materials prior to release of the water to the sewer. Small quantities of thorium build up in the filtercake which has been disposed in a industrial landfill. The licensee is holding such material as a result of recent enforcement action. See ML992910078, ML993160019, ML993300462.

**Action Requested by licensee:**

Approve a proposed limit on the concentration of thorium in the filtercake which will allow the material to continue to go to the landfill.

**Region I Technical Assistance Request**

**Licensee:** II-VI Inc

**Control No.:** 127520

**(X) Alternatives and Recommended Action: (X) Approve or ( ) Reject**

It appears that the licensee has done a reasonable analysis which shows that the dose to the public from the proposed releases will be small. Review the licensee's analysis and advise whether the proposal may be approved. The Region recommends approval.

**( ) TARs addressing similar issues (subject and date):**

**(X) Background documents (identify each by date and provide ADAMS accession number or transmittal method):**

Letter dated November 16, 1999 ML003673673

Letter dated January 18, 2000 ML003675998

**Remarks:**

This request has been discussed with Larry Camper and Tim Harris of DWM.

**Headquarters Reviewer:** \_\_\_\_\_

**Regional Reviewer:** Betsy Ullrich

**Reviewer Code:** Q5

**Reviewer's Phone No. (610) 337-** 5040

**Facsimile No. (610) 337-5269**

**Resolution Needed By:** 02/15/2000 (Date)

DOCUMENT NAME: C:\127520.wpd

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	N	DNMS/RI		DNMS/RI		
NAME	Ullrich		Kinneman		Pangburn		
DATE	01/19/2000		01/19/2000		01/19/2000		