

DEC 10 1990

Maryland
File

MEMORANDUM FOR: Richard E. Cunningham, Director
Division of Industrial and Medical
Nuclear Safety, NMSS

FROM: Vandy L. Miller, Assistant Director
for State Agreements Program
State Programs, GPA

SUBJECT: TECHNICAL ASSISTANCE REQUEST: REVIEW OF
FOREIGN MANUFACTURED COBALT-60 SOURCES

Original signed by:
J. O. Lubenau

We are requesting technical assistance on the review of sealed sources originating in Argentina. These cobalt-60 sources have received some preliminary review by the Maryland Radiation Program staff.

May we please have your response by December 30, 1990 so that we may provide a timely response to the State.

Distribution

SA RF
Dir RF
CKammerer
VMiller
FCombs
LBolling
NMSS File

Enclosure:
Technical Assistance Request

DFC	:SP:SA	:SP:SA:AD	:SP:D	:	:	:	:
NAME	:LBolling	:VMiller	:CKammerer	:	:	:	:
DATE	:12/7/90	:12/10/90	:12/10/90	:	:	:	:

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DA6

TECHNICAL ASSISTANCE REQUEST

DATE: 11/28/80

TO: Vandy L. Miller, Assistant Director
for State Agreements Programs
State, Local and Indian Tribe Programs

FROM: John McGrath
Region I

SUBJECT: REQUEST FOR TECHNICAL ASSISTANCE

REQUESTED ACTION: _____ REVIEW AND COMMENT
_____ PROVIDE POLICY GUIDANCE
_____ REGULATION REVIEW
_____ LICENSING REVIEW
_____ SEALED SOURCE AND DEVICE REVIEW

REMARKS: _____

TO BE COMPLETED BY SLITP

DATE: _____ CONTROL NO. _____

THE ABOVE REQUEST HAS BEEN ASSIGNED TO: _____
PLEASE CONTACT ABOVE INDIVIDUAL FOR INFORMATION.
PRELIMINARY DUE DATE: _____
ACKNOWLEDGEMENT LETTER SENT TO _____ ON _____

SIGNATURE: _____
A/D STATE AGREEMENTS



William Donald Schaefer
Governor

STATE OF MARYLAND
Department of the Environment

2500 BROENING HIGHWAY · BALTIMORE, MARYLAND 21224

(301) 631-



Martin W. Walsh, Jr.
Secretary

November 20, 1990

Mr. John McGrath
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia PA 19406

Dear Mr. McGrath:

As a follow-up to your telephone conversation with Mr. Thomas D. Ferguson on November 9, 1990, we would like to request the Nuclear Regulatory Commission's (NRC) assistance with an application for a new source requested by Neutron Products, Inc. (NPI). This "new" source would actually be a modification of an existing design model number listed on MD-474-S-108-S. According to NPI, these singly encapsulated AC-345 source capsules were manufactured by Nordian (or the old Atomic Energy of Canada Limited) and sold to the Commission Nacional de Energia Atomica (CNEA) in Argentina, who irradiated the cobalt and sold it to NPI. However, they have not, to date, submitted documentation (i.e., capsule serial numbers) traceable to Nordian. Another problem we have encountered, is that they wish to have the Sealed Source and Device (SSD) Sheet changed to replace stainless steel capsules with zircaloy inner capsules authorized on the existing NPI SSD sheet.

We have limited experience in evaluating the adequacy of sealed sources and would very much appreciate NRC assistance. Please designate a Region I or Headquarter's person knowledgeable enough to provide information on requirements we need to know prior to licensing this source.

We will forward the source documentation as soon as it is received.

If you have any questions, please contact Messrs. Charles Flynn or Thomas Ferguson at (301) 631-3301.

Sincerely,

Roland G. Fletcher, Administrator
Radiological Health Program

RGF/TDF/dpw