



ATOMIC ENERGY COMMISSION
 DIVISION OF COMPLIANCE
 REGION I
 970 BROAD STREET
 NEWARK, NEW JERSEY 07102

201 645-3960

MAY 26 1969

Jack R. Roeder, Chief, Materials Inspection
 and Enforcement Branch, Division of Compliance, HQ

COMPLIANCE INQUIRY MEMORANDUM
 PRATT & WHITNEY AIRCRAFT DIVISION ←
 UNITED AIRCRAFT CORPORATION
 EAST HARTFORD, CONNECTICUT
 LICENSE NO. 6-550-3
 SUSPECTED VIOLATION

Forwarded herewith for information are the findings in an inquiry pursuant to the memo, with attachment, from CO:EQ, dated March 17, 1969, subject: U. S. Army Nuclear Defense Laboratory (USNDL), Edgewood Arsenal, Maryland, License No. 19-1826-7. The attachment, a March 7, 1969 letter from USNDL to AEC, reported receipt of a possibly leaking 0.5 curie cobalt-60 source from U. S. Nuclear Corporation, Middletown, Connecticut. The March 17, 1969 memo requested an inquiry as to the origin of the source, since U. S. Nuclear was not licensed to operate in Middletown, Connecticut.

In a telephone conversation on March 19, 1969 with Mr. Earl G. Wright, RPO at USNDL, L. B. Higginbotham, CO:I, was informed that the source was supplied by the Pratt & Whitney Aircraft Division, United Aircraft Corporation, a subcontractor for United Nuclear Corporation. Wright said that their contact at Pratt & Whitney in Middletown, Connecticut, was a Mr. MacFarlane.

A check of CO:I license files reveals that Pratt & Whitney Aircraft Division, United Aircraft Corporation, 400 Main Street, East Hartford, Connecticut, operates a facility in Middletown, Connecticut, under the auspices of AEC Byproduct Material License No. 6-550-3. The license was last inspected by CO:I on July 15 and 16, 1968, and a Form 591 issued for noncompliance involving maintenance of records, 30.01(a) and (b).

A telephone call on March 19, 1969 to Mr. D. MacFarlane, Health Physicist at Pratt & Whitney's Middletown facility, revealed that they had fabricated the 0.5 curie cobalt 60 source, serial W-620, and supplied it to USNDL. MacFarlane said the source had been leak tested after fabrication and prior to shipment. The leak test results were less than 0.005 uc.

CO:I plans no further action and considers this matter closed.

CO:I:LBE

Richard S. Cleveland
 Senior Radiation Specialist

H-29

OFFICE ▶	Compliance				
SURNAME ▶	Higginbotham	Cleveland	Ryan		
DATE ▶	5/23/69	5/26/69			

DIVISION OF COMPLIANCE
Memo Route Slip

Action _____ Information _____ Concurrence _____ Review _____
 Comment _____ Note & Return _____ Per Our Telecon _____ Fi: _____

Cleveland

R. W. Kirkman Region I	
J. G. Davis Region II	
R. C. Hageman Region III	
D. I. Walker Region IV	
R. W. Smith Region V	
R. S. Cleveland Region I	X

RE: U. S. ARMY NUCLEAR DEFENSE LABORATORY
 EDGEWOOD ARSENAL, MARYLAND 21010
 LICENSE NO. 19-1826-7

We have received a letter dated March 7, 1969, a copy of which is attached, stating that on February 27, 1969, the U. S. Army Nuclear Defense Laboratory received a 0.5 curie cobalt 60 source. The source was described as a U. S. Nuclear Corporation source. The location of the company was given as Middletown, Connecticut. Since we can find no record of any company bearing that name in Middletown, Connecticut, and holding an AEC license to possess and use by-product material, it is recommended that an appropriate inquiry be conducted. Your findings by Inquiry Memorandum would be appreciated.

Attachment
 Copy ltr dtd 3/7/69

MAR 19 1969

MAR 17 1969

FROM:

Jack ...
 R. Handler, CO:HQ

DATE: