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ISOTOPES  
NUCLEAR SYSTEMS DIVISION  
U. S. ATOMIC ENERGY COMMISSION  
110 WEST TIMONIUM ROAD  
TIMONIUM, MARYLAND 21093  
19-01398-01

15 August 1969

Refer to: PJK:1210:044

U. S. Atomic Energy Commission  
Division of Materials Licensing  
Washington, D. C. 20545

Attention: Mr. Robert Brinkman, Chief, Isotopes Branch  
Subject: Notification of Isotopes' Nuclear Systems Division  
Move to New Facilities  
Reference: (a) Title 10 Code of Federal Regulations,  
Parts 30.34C and 30.38

Gentlemen:

Isotopes' Nuclear Systems Division has recently completed arrangements to move to new quarters located at:

110 West Timonium Road  
Timonium, Maryland 21093

It is presently anticipated that Isotopes will vacate the Middle River facilities by September 30, 1969 and restore operations at the new location on or about that same date.

In view of the foregoing, a thorough review of existing Byproduct Material License has been made. As a result of this review, we are requesting the following actions:

- (1) Amendment of BPML No. 19-01398-01 reflecting the change in address. All other terms and conditions of this license to remain unchanged.
- (2) BPML No. 19-01398-03 is to remain unchanged since there are no provisions in the new facility for this type irradiator; however, Isotopes is presently negotiating disposition of the Cobalt-60 gamma sources. As soon as disposal arrangements are completed, the license will be terminated. In any event, control of the facility will be retained in accordance with existing license requirements, utilizing Martin Marietta Corporation ADT Systems and Security personnel who are

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instructed to notify Isotopes' Health Physics personnel in the event of an alarm. Since a large quantity of Cobalt-60 is presently stored in the facility as sealed sources under water, it has not been possible to perform a complete survey of the pool surfaces. There is always a possibility that contamination might be found on pool surfaces when the water is drained.

- (3) Amendment of BPML No. 19-01398-09 reflecting the change in address. In addition, material control shall be accomplished in accordance with the statements and representations submitted February 3, 1969 supporting request for renewal of BPML No. 19-01398-01. All other terms and conditions of this license to remain unchanged.
- (4) Termination of BPML No. 19-01398-19. All radioactive materials formerly possessed under this license have been disposed of in compliance with the provisions of 10 CFR 20 by transfer to a company authorized to receive them.
- (5) Termination of BPML No. 19-01398-20. All radioactive materials formerly possessed under this license have been disposed of in compliance with the provisions of 10 CFR 20 by transfer to a licensed waste disposal service.
- (6) Amendment of BPML No. 19-01398-21 reflecting the change in address. All other terms and conditions of this license to remain unchanged with the exception of the following:
  - (a) Amend license condition 16 by deleting from the referenced letter dated June 29, 1969, reference to the following letters:
    1. Two letters each dated August 10, 1962.
    2. One letter dated July 30, 1963.
    3. One letter dated January 11, 1965.
  - (b) Access to the Timonium location is controlled by personnel during normal working hours, and the plant is locked at all other times.
- (7) Termination of BPML No. 19-01398-23. All radioactive materials formerly possessed under this license have been disposed of in compliance with the provisions of 10 CFR 20 by transfer to a licensed waste disposal service.
- (8) Termination of BPML No. 19-01398-25. All radioactive material formerly possessed under this license have been disposed of in compliance with the provisions of 10 CFR 20 by transfer to a licensed waste disposal service.

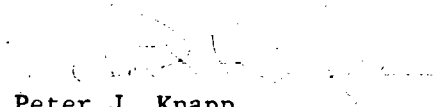
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- (9) Amendment of BPML No. 19-01398-31 reflecting the change in address. All other terms and conditions of this license to remain unchanged.
- (10) Termination of BPML No. 19-01398-33. All radioactive materials formerly possessed under this license have been disposed of in compliance with the provisions of 10 CFR 20 by transfer to an authorized waste disposal service.
- (11) Amendment of BPML No. 19-01398-34 reflecting the change in address. All other terms and conditions of this license to remain unchanged.
- (12) Amendment of BPML No. 19-01398-36 reflecting the change in address and also modifying the authorized use for storage only. Presently the only inventory of  $H^3$  (  $15 C_i$ ) is that which is contained inside the accelerator system, ion pump and target cavity. Isotopes is presently negotiating disposition of this neutron generator. As soon as disposal arrangements are completed, we intend to terminate this license. In any event, control of this unit while in our possession will be retained in accordance with sound radiological practices consistent with the degree of hazard involved.

In order that we achieve our scheduled goal to vacate occupancy of the Middle River Facility by September 30, 1969, we solicit your prompt action in reviewing and granting the requested license changes described herein. If we can be of any assistance to you in this matter, please call on us directly.

Thank you again for your usual assistance and expeditious licensing efforts.

Very truly yours,

  
Peter J. Knapp  
Licensing and Accountability  
Representative

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