

6/20/87

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

IN THE MATTER OF)
ISOMEDIX, INC.)

BYPRODUCT MATERIAL
LICENSE NO. 29-15364-01 and
LICENSE NO. 29-15364-02

ORDER FURTHER MODIFYING ORDER ISSUED JUNE 14, 1974

I

Isomedix, Inc., 25 Eastmans Road, Parsippany, New Jersey, 07054, ("the licensee") is the holder of Byproduct Material Licenses Nos. 29-15364-01 and 29-15364-02 ("the licenses") issued by the Atomic Energy Commission ("the Commission"). The licenses authorize the licensee to possess and use byproduct material for the purpose of the irradiation of materials. License No. 29-15364-01 was issued on August 13, 1973, and the expiration date is June 30, 1978. License No. 29-15364-02 was issued on January 29, 1974, for use of material at Morton Grove, Illinois, and the expiration date is January 31, 1979.

II

On June 14, 1974, the Director of Regulatory Operations, after determining that potentially hazardous conditions may exist at the licensee's Parsippany, New Jersey, and Morton Grove, Illinois, facilities, issued an Order to Show Cause suspending all use by the licensee of byproduct material under License Nos. 29-15364-01 and 29-15364-02 pending further order. The Order to Show Cause and the suspension of activities contemplated therein, were made effective immediately.

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III

On June 15, 1974, the Director of Regulatory Operations, after determining that the public health, safety or interest no longer required the suspension of use of byproduct material at the licensee's Morton Grove, Illinois facility under License No. 29-15364-02, ordered that the Order issued June 14, 1974, insofar as it suspended all use of byproduct material at the licensee's Morton Grove, Illinois facility be rescinded. The Order issued June 14, 1974, insofar as it suspended all use of byproduct material under License No. 29-15364-01 at the licensee's Parsippany, New Jersey facility remains in effect.

IV

By telegram dated June 19, 1974, from George Dietz, President, Isomedix, Inc. to Donald F. Knuth, Director of Regulatory Operations, the licensee requested that the June 14, 1974, Order be amended to authorize the movement of the source assembly containing fifty thousand Curies of cobalt 60 and now located in Cell No. 1 of the licensee's facility, from Cell No. 1 to Cell No. 2 in order to permit access to the roof area and the cell interior for installation of new safety equipment, and the subsequent return of the source assembly to Cell No. 1. The telegram also references written procedures for the accomplishment of these movements which were provided to AEC inspectors who were at the licensee's facility on June 18, 1974.

V

The Director of Regulatory Operations has reviewed the request and has determined that the proposed movements of the source assembly in order to accomplish the installation of additional safety equipment is not contrary to the public health, safety or interest, WHEREFORE: IT IS HEREBY ORDERED THAT:

The Order issued June 14, 1974, IN THE MATTER OF ISOMEDIX, INC. is hereby further modified to permit the single transfer by the licensee of the fifty thousand-Curie cobalt 60 source plaque from Cell No. 1 to Cell No. 2, and to permit a subsequent single transfer of the source plaque from Cell No. 2 back to Cell No. 1, for the purpose described in the telegram dated June 19, 1974, from the licensee to the Commission, provided:

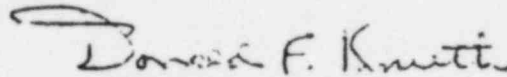
1. The two source transfer operations shall be performed as described in the written procedures entitled "Procedure to Move Singer Source", and given to AEC inspectors on June 18, 1974; and
2. Prior to performing each transfer operation and prior to any subsequent personnel entry into either cell, the gamma radiation alarm system shall be confirmed to be operable; and

3. Prior to any personnel entry into either cell or the areas above either cell, a physical radiation survey shall be performed by the Radiation Protection Officer to confirm that such entry can be accomplished without causing any individual to receive a radiation dose in excess of established AEC limits; and
4. Source transfer operations shall be performed only in the physical presence of both George Dietz and George Karl; and
5. If the procedure should be interrupted while the source is in the pass-through port, no personnel entries shall be made into the cells or the areas above the cells while the source is in this condition; and
6. Prior to the performance of each of the two described source transfer operations, the licensee shall notify the Region I office of the Directorate of Regulatory Operations by telephone at least 12 hours in advance of the date and approximate time that such operations are to take place.

VI

All other provisions of the June 14, 1974 Order as heretofore modified shall remain in effect and no movement or handling of

any byproduct material possessed pursuant to AEC License No.
29-15364-01 other than that described herein is authorized with-
out prior approval of the Director of Regulatory Operations.



Donald F. Knuth
Director of Regulatory Operations

FOR THE ATOMIC ENERGY COMMISSION

DATED AT BETHESDA, MARYLAND

THIS 20TH DAY OF JUNE 1974