

ENCLOSURE

Isomedix, Incorporated
License No. 29-15354-02

Certain activities under your license appear to be in violation of AEC requirements.

A. The violations considered to be of Category II severity are as follows:

1. 10 CFR 30.3, "Activities requiring license," requires that except for persons exempt as provided in this part and Part 150 of this chapter, no person shall manufacture, produce, transfer, receive, acquire, own, possess, use, import or export byproduct material except as authorized in a specific or general license issued pursuant to the regulations in this chapter.

License Item 7.A through 7.D authorizes AECL Model C-188 cobalt 60 sealed sources and various small cobalt 60 sealed sources for instrument calibration.

Contrary to the above, your inventory of byproduct material included approximately 8,000 curies of cobalt 60 as sealed sources which were obtained from Gamma Process Company. These sealed sources are not authorized by this license.

2. License Condition No. 13.A states each sealed source containing byproduct material shall be tested for leakage and/or contamination at intervals not to exceed six months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, the sealed source shall not be put into use until tested.

Contrary to the above, the AECL cobalt 60 sealed sources were put into use without being leak tested and without a certificate from the transferor indicating that a test had been made within six months prior to the transfer.

3. License Condition No. 14 states, in part, the procedures contained in AECL's instruction manual for the "IR68 Cobalt 60 Irradiation Unit" shall be followed. The instruction manual contains emergency instructions which, according to the manual, should be posted in a prominent position close to the control station.

Contrary to the above, the emergency instructions were not posted at the time of this inspection.

B. A violation considered to be of Category III severity is as follows:

10 CFR 19.11, "Posting of notices to workers," requires in part, that each licensee post current copies of 10 CFR Parts 19 and 20, the license, and related documents and procedures referenced in the license. If posting of the above documents is not practicable, a notice may be posted which describes the documents and states where they may be examined.

Contrary to the above, the documents identified above were not posted nor was any notice posted which described where they may be found.