

STONE & WEBSTER ENGINEERING CORPORATION



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DESIGN
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EXAMINATIONS
CONSULTING
ENGINEERING

Jenny Johansen
U.S. Nuclear Regulatory Commission
Material Licensing Branch
Region I
631 Park Ave.
King of Prussia, PA 19406

MS 12
P5

February 21, 1985

W.O. #507.36.03

AMENDMENT TO BYPRODUCT MATERIAL LICENSE 20-05600-03

This is in reference to your phone conversation with Mrs. Claire Doherty on February 19, 1985, concerning our license amendment application.

The Analytical Instrument Development Inc.'s Gas Chromatograph (GC) is a portable unit designed for laboratory and field operations. For laboratory operations of the unit at temperatures above 150°C, a fume hood will be used. When operating the GC at temperatures above 150°C in a vehicle or an enclosed area during field operations, a hose will be attached to the exhaust port and vented to the environment. If the GC is operating outdoors at temperatures above 150°C, the unit will be placed away from populated areas.

GC operators are responsible for the safe use and security of the equipment at all times. The GC must be under the direct surveillance of the operator when in use or be physically secured to prevent tampering or removal by unauthorized personnel.

Cleaning of the tritium foils shall be done by GC operators. The Office of Radiological Safety (ORS) will not authorize anyone to operate a GC until they have satisfactorily completed our Basic Radiological Safety Training Course with instructions on GC operation and cleaning.

The cleaning of tritium foils will be done as needed at the location where the unit is being operated. After cleaning, the remaining liquid will be poured down the drain and flushed with a copious amount of water. The approximate tritium activity in the waste liquid is about 5×10^{-3} microcuries.

If you have any additional questions concerning either the application or supplemental information, please contact me at (617) 589-1867.

Peter K. W. Chin
Corporate Radiological Safety Officer

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REQ1 LIC30
20-05600-03 PDR

03421
"OFFICIAL RECORD COPY"

ML10

FEB 25 1985

DATE

2-19-85

TELEPHONE OR VERBAL CONVERSATION RECORD

TIME

☐ A.M.
☐ P.M.

☐ INCOMING CALL

☐ OUTGOING CALL

☐ VISIT

PERSON CALLING

Johansen

OFFICE/ADDRESS

USNRC

PHONE NUMBER

EXTENSION

215

337-5215

PERSON CALLED

Asso. Corporate
R.S.O.

Peter Chin

OFFICE/ADDRESS

Stone & Webster

PHONE NUMBER

EXTENSION

25 617 589-1867

Clara Doherty

CONVERSATION

SUBJECT

Clarification of Amend Regs 20-05600-03

SUMMARY

- ① Please clarify use at temporary job sites
in a lab? , in truck, used out in the open.
- ② Security - for temporary job site
- ③ Cleaning of unit , who's cleaning ; where
- ④ Training of individual cleaning the foils

"OFFICIAL RECORD COPY"

ML10

REFERRED TO:

Amend. Reg 03421

ACTION REQUESTED

MS-H

☐ ADVISE ME OF
ACTION TAKEN.

INITIALS

DATE

2-19-85

ACTION TAKEN

INITIALS

DATE