

Westinghouse
Electric Corporation

Lamp Divisions

One Westinghouse Plaza
Bloomfield New Jersey 07003

07662
40-2286

REGULATORY FILE CY

September 14, 1977

Mr. Earl G. Wright
Radiosotopes Licensing Branch
Division of Fuel Cycle & Material Safety
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Mail Control #7386

Dear Mr. Wright:

The additional information concerning our proposed decontamination program requested during our phone conversation on September 8, 1977 is as follows:

1. The Eberline alpha counter will be calibrated at the W Research & Development Center, Pittsburgh, Pa.
2. The outline of the training and orientation talk that will be given to the personnel of the decontamination contractor is enclosed.
3. We will use the service of Radiac Research Corporation, License # 1242-1461, to dispose of the radioactive wastes generated during the decontamination. The waste will be sealed in drums provided by Radiac Research and removed from our plant by their truck.

If this information is not sufficient, please contact me.

Very truly yours,

R. T. Williams

R. T. Williams
Division Administrator
Accident Prevention

/bg
Att.

cc: Mr. G. Caplis - Bloomfield 1541

8603250477 770914
REG1 LIC30
SMB-0353 PDR

07662

OUTLINE OF TRAINING PROGRAM

DECONTAMINATION PERSONNEL

I. Fundamentals of Radiation

A. Types

1. Non-ionizing
2. Ionizing - alpha, beta, gamma

B. All Around Us

1. In air, water, food, building materials, cosmic rays - all make up background
2. Medical and dental exposure
3. Industrial use - tracers, radiographic, static eliminates, source material

C. Performs Useful Service

1. Emits detectable signals
2. Makes air electrically conductive
3. Destroys living cells - kills cancer, sterilizes food
4. Produces changes in materials

D. Problems - Natural Thorium

1. Has capacity to damage living tissue
2. Thorium alpha emitter - inhalation and/or ingestion - no external hazard. Will not penetrate skin. Gamma not a problem.
 - a. Short exposure to be harmful, involves getting large amount into system - spoonfuls.

II. Protection

A. Body's capacity to repair or renew - within limits no lasting damage

B. Limits set by Nuclear Regulatory Commission - based on best available knowledge of tolerable amounts with a large safety factor.

1. Set for 40 hour per week continued exposure
2. Exposure control - exhaust system, respirators, protective clothing, personal hygiene. No eating or smoking.

C. Control of Contamination

1. Keep within emission lab
2. Remove protective clothing at doorway
 - a. Dispose of in Radiac Research drums

07600

9/18/77

TELEPHONE OR VERBAL CONVERSATION RECORD

TIME

☐ A.M.
☐ P.M.

☐ INCOMING CALL

☐ OUTGOING CALL

☐ VISIT

PERSON CALLING

OFFICE/ADDRESS

PHONE NUMBER

EXTENSION

PERSON CALLED

OFFICE/ADDRESS

PHONE NUMBER

EXTENSION

Mr R.T. Williams

Westinghouse

201-465-3322

CONVERSATION

3338

SUBJECT

Amend of Lic SMB-353

SUMMARY

- ☐ Date of last inst. calib., Frequency of calibration.
Name + Lic no. of organ. which performs calib.
He said will be Eberline or their corporate
organiz in ~~the~~ Pitts.
- ☐ Description of TNG given workers involved
in dismantling operations. Name of person giving training
will send outline + duration.
- ☐ Name + Lic no. of Disposal service.
Their disposal agency is licensed in NY state
He will send name and license no.
Mr Williams will send a letter documenting
the above information.

REFERRED TO:

ACTION REQUESTED

☐ ADVISE ME OF
ACTION TAKEN.

INITIALS

DATE

ACTION TAKEN

INITIALS

DATE

DATE 4/7/77

TELEPHONE OR VERBAL CONVERSATION RECORD

TIME 2:30 ☐ A.M. ☒ P.M.

☐ INCOMING CALL

☒ OUTGOING CALL

☐ VISIT

PERSON CALLING

OFFICE/ADDRESS

PHONE NUMBER EXTENSION

PERSON CALLED

OFFICE/ADDRESS

PHONE NUMBER EXTENSION

John Kinneman

I + E

488-1342

CONVERSATION

SUBJECT

Westinghouse (40-2286 /SMB-353)

SUMMARY

I called to get Kinneman's impression of the Westinghouse operations since he had insp. them Mar 26, 1977.

His general impression was that their safety personnel were not well informed on air sampling programs. Other aspects of the program.

1. Some of the duct work was in poor state of repair.
2. Some work areas were very dusty but removable contamination was only of the order of a few hundred counts/min.
3. External radiation levels very low.

Based on our conversation I believe that the license should be amended to allow the transfer of equip. requested in their letter of Aug 17, 1977.

However, a complete resubmittal of application is necessary prior to renewing the license.

REFERRED TO:

ACTION REQUESTED

☐ ADVISE ME OF ACTION TAKEN.

INITIALS

DATE

ACTION TAKEN

INITIALS

DATE

U. S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE
Supplementary Sheet

Page ____ of ____ Pages

License Number _____

Docket or
Reference No. _____

IAW application dated Aug 17, 1977,
license no. SMB-353 is amended as
follows:

Add Condition 14

~~Item 9 Authorized use add:~~

~~9. The licensee is authorized to~~
~~decontaminate, dismantle and~~
~~dismantle, and re-install equipment~~
~~now located in building 10. Transfer~~
process equipment from building 10 to
either building 9 or 10A and to decontaminate
and raze building 10 in accordance
with procedures, statements and representations
contained in letters dated Aug 17, 1977 and
Sep 14, 1977.

amend condition 13 to add letters dated
~~Aug~~ Aug 17, 1977 and Sep 14, 1977.

Date 9/23/77

R.T. Williams

For the U. S. Nuclear Regulatory Commission

by [Signature]

Division of Materials and Fuel Cycle
Facility Licensing
Washington, D. C. 20555