

ENC: IFB: WER

JUL 20 1966

Martin-Marietta Corporation
Baltimore, Maryland 21203

Attention: Mr. C. W. Keller
Nuclear Accountability and
Licensing Representative

Gentlemen:

In response to your letter ACC-491, dated July 7, 1966, we will process an application to terminate License 19-1398-29 when it has been established that either:

- (1) All licensed material, including any equipment or part of the facility contaminated by licensed material, is transferred, as is or in a status agreed to by both parties, to
 - (a) the Commission,
 - (b) a licensee whose license authorizes him to receive such material, or
 - (c) any person exempted from the Commission's regulations to the extent permitted under such exemption; or
- (2) The licensed material is appropriately transferred and the facility and any equipment left therein have been decontaminated to the limits identified in the attachment to this letter.

Regarding (1) above, your letter states that title to the radioactive material at Quehanna rests with the AEC. We wish to point out that mere cessation of your production activities, without receipt and acceptance by the AEC of the radioactive material remaining on the premises, would not relieve you of responsibility under the AEC license. In other words, the "transfer" of the material must be completed. A transfer has not been accomplished until the intended transferee accepts physical possession from the transferor.

If you propose to decontaminate the facility, an amendment to your license will be necessary. Your application for an amendment should

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describe your decontamination program, including your plans for controlling exposure, guarding against radiological accidents, and disposing of contaminated equipment.

Very truly yours,

Original Signed by
W. H. RAY
W. H. Ray
Irradiated Fuels Branch
Division of Materials Licensing

Attachment:
Radioactivity Contamination Limits for
Abandonment of Facilities and Equipment
(Beta-Gamma Emitters)

Distribution
Addressee
DML Read.
IFB Read.
Suppl. ←

OFFICE ▶	DML:IFB	DML:IFB	OGC	DML:ASST:DIR	
SURNAME ▶	W.H. Ray WHRay:cw	AEAikens	<i>[Signature]</i>	LJohnson	
DATE ▶	7/15/66	7/15/66	7/15/66	7/20/66	

RADIOACTIVITY CONCENTRATION LIMITS FOR

ABANDONMENT OF FACILITIES AND EQUIPMENT

(BETA-GAMMA EMITTERS)

The maximum removable surface activity shall not yield more than 1,000 disintegrations per minute contamination on a filter paper or soft absorbent paper wiped with a moderate pressure over an area of 100 cm².

The maximum radiation at 10 centimeters from building or equipment surfaces shall not exceed 0.1 millirad per hr. The dose rate shall be determined as that prevailing through a tissue equivalent absorber not exceeding 7 mg cm⁻².

The radioactivity on the interior surfaces of pipes, drain lines, or ductwork shall be determined by making measurements at all traps and other appropriate access points to the interior thereof. Surfaces of premises, equipment, or scrap which have been subjected to possible contamination, and which are of such construction or location as to make these surfaces inaccessible for purposes of measurement, shall be presumed to be contaminated in excess of the limits.

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If you propose to decontaminate the facility, an amendment to your license will be necessary. Your application for an amendment should

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Describe your decontamination program, including your plans for controlling emissions, handling of waste, and disposal of materials.

[This section contains a large area of extremely dense, illegible text, likely a redacted or heavily obscured report.]

Attachment:

**Attachment 1: Decontamination Limits for
Abatement of Radioactive and Chemical
(Beta-Gamma Emission)**

[This section contains a large area of extremely dense, illegible text, likely a redacted or heavily obscured report.]

RADIOACTIVITY CONTAMINATION LIMITS FOR
ABANDONMENT OF FACILITIES AND EQUIPMENT
(BETA-GAMMA EMITTERS)

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