

RETURN TO ~~396-55~~ ^{PI-137}

50-603
50-604



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE NORTH
NASHVILLE, TENNESSEE 37219-5404

August 30, 1988

U. S. Nuclear Regulatory Commission
Document Control Desk
Office Nuclear Material Safety and Safeguards
Washington, DC 20555

ATTN: Mr. Hugh L. Thompson, Jr.

Gentlemen:

We have reviewed the letters dated August 17, 1988, from AlChemIE, Inc. to the NRC concerning Docket Numbers 50-603 and 50-604. Attached are some comments generated from the review and for which we still desire clarification.

Sincerely,

Charles P. West
Division of Radiological Health

CPW/E3018243

Attachment

cc: Dr. A. Thomas Clark, Jr. NRC
Mr. W. A. Pfifer, AlChemIE
Michael Pearigan, Deputy Attorney General

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Add'l Info 24703

ALCHEMIE'S LETTER DATED 8-17-88 TO NRC
COMMENTS

10 CFR 50 Non Applicability
(Revision 1 to Nov. 17, 1987 submitted)

- 50.34(b)(6)
(iii), (iv) AlChemIE has not shown Tennessee Department of Health and Environment (TDH&E), conclusively, that there is no radiological hazard.
- 50.34(b)(8)
50.54(i-1)
(j), (k), (l)
(m), (y) AlChemIE has not shown TDH&E, conclusively, that there is no radiological hazard.
- 50.34(c)(d)
(c)
50.54(p) Statement made that there are approximately 170 grams of U-235 on equipment. In a letter to NRC, dated 6/9/88, other numbers are given that differ from the above. Which is correct? One hundred seventy grams is licensable under Tennessee regulations and jurisdiction.

10 CFR 50 EXEMPTION REQUIREMENTS

1. A. AlChemIE has not positively shown TDH&E that there will be no radiological release. Also, statement is made that the "facility is to be used for the production of stable isotopes" but in July 20, 1988, letter from AlChemIE to NRC, item 2, it is stated that Tellurium-123 will be enriched "to about 50" percent. These statements present confusion that has not been clarified.
- D. Again AlChemIE has not shown that there will be "no threat of radiological release."

CPW/E3018243

DOCKET NO. 50-603 & 50-604
CONTROL NO. 24703
DATE OF DOC. August 30, 1988
DATE RCVD. Sept. 8, 1988
FCUF _____ PDR
FCAF LPDR _____
I & E REF.
SAFEGUARDS
OTHER
DATE 9/8/88 INITIAL SAC