



UNION CARBIDE CORPORATION

NUCLEAR DIVISION

P. O. BOX P, OAK RIDGE, TENNESSEE 37830

712389

FILE

November 15, 1977

Department of Energy
Oak Ridge Operations
Attention: Mr. J. F. Wing, Chief
Environmental Protection Branch
Safety and Environmental Control Division
Post Office Box E
Oak Ridge, Tennessee 37830

Gentlemen:

UF₆ Out-Leakage Tests in K-33

Enclosed is information relating to the justification for and results of the UF₆ out-leakage tests in K-33 conducted between February 25, 1976 and August 17, 1976. There were fifty-seven test releases involving a total of 2032.5 grams of UF₆ released into the atmosphere. Environmental air samples were taken during the first seven days of test releases. However, due to the complexity of the sampling requirements and possible contributions from other sources such as the Fluorine Plant and the Cascade Pilot Plant, little can be done to determine the true environmental effect of the UF₆ test releases.

Very truly yours,

S. S. Stief

SSS:MEM:cvh

Enclosure

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Human Subjects Project

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