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SECRET

MOUND LABORATORY-MONSANTO

Central File No. 65-2-228

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MONSANTO RESEARCH CORPORATION
MOUND LABORATORY
MIAMISBURG, OHIO

SECURITY CLASSIFICATION

Classified Unclassified

Category Secret-Res. Data

T. B. Rhinehammer

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Date February 11, 1965

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To: ACF Industries, Inc.

Attn: J. G. Vanhaverbeke

Address: P. O. Box 1666 Albuquerque New Mexico
Street City State

MESSAGE TEXT:

The only suggested change to the Design Considerations Handbook, SRD document C-57947, is the deletion of Section 3.8.4 and the substitution of the following:

A reservoir surveillance program is in operation at Mound Laboratory for the periodic inspection of stockpile items from all the major weapon programs. The integrity of the reservoir and its contents is determined by data obtained from destructive and non-destructive tests in the Surveillance Program. These tests include dimensional and weight measurements, leak checking, metallography, calorimetry, chemical analysis of unloaded DT gas, pressure-rupture testing, etc. The scope of the surveillance program has been enlarged to include tritium penetration measurements and detailed microstructure evaluation of 304 ELC stainless steel.

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GROUP 1

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