

Docket No. 70-1100
License No. SNM-1067

JAN 14 1991

Combustion Engineering, Inc.
ATTN: Mr. Raymond Vaughan, Plant Manager
Windsor Nuclear Fuel Manufacturing
1000 Prospect Hill Road
Windsor, Connecticut 06095-0500

Gentlemen:

Our review of your amendment application dated October 25, 1990, regarding operation of the centrifuge system, has identified the need for additional information. Your application should describe the process and process equipment and should be supplemented with a summary of your safety analysis which identifies all scenarios which could lead to a nuclear criticality. This analysis should include, but not be limited to, heterogeneity effects and changes to equipment dimensions due to process operations. For each scenario, provide the necessary limits and controls which will be used to assure nuclear safety and to satisfy, as a minimum, the double contingency principle in ANSI/ANS-8.1-1983 (Reaffirmed 1988).

Sincerely,
Original Signed By:
George H. Bidinger, Section Leader
Uranium Fuel Section
Fuel Cycle Safety Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

cc: Mr. A. E. Scherer, Vice President
Nuclear Quality

Mr. C. R. Waterman, Vice President
Nuclear Fuel

Mr. J. F. Conant, Manager
Nuclear Materials Licensing

Mr. C. B. Brinkman, Manager
Washington Nuclear Operations

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