

DOCKET NO: 70-1100

NOV 21 1990

LICENSEE: Combustion Engineering, Inc. (CE)  
Windsor, Connecticut

SUBJECT: SAFETY EVALUATION REPORT, AMENDMENT APPLICATION DATED  
SEPTEMBER 14, 1990, AND SUPPLEMENT DATED OCTOBER 17,  
1990, RE FUEL RODS FOR BWR FUEL ASSEMBLIES

Background

CE is currently authorized to receive pellets which are then clad in fuel rods and manufactured into PWR fuel assemblies. By letter dated September 14, 1990, and supplement dated October 17, 1990, CE submitted an amendment application to receive and possess at any one time three RA-3 shipping containers containing fabricated fuel rods for the purpose of making BWR fuel assemblies.

Discussion

The proposed fuel handling methods do not differ extensively from that currently licensed. The only difference in the fuel handling method is that the fuel rods are brought into the fuel assembly manufacturing process as completed rods and use RA-3 shipping containers for fuel assembly shipment. The proposed activity involves only sealed radioactive material (fuel rods) and does not generate any radioactive waste. Therefore, the staff has determined that the proposed activity will not significantly effect radiological conditions at CE and that the current radiation safety program is adequate to protect the health and safety of the workers and the public.

The proposed activity involves fuel rods with characteristics having no significant difference from those currently licensed. Accordingly, the staff has determined that there is no need to change the nuclear criticality safety limits and controls and that the current nuclear criticality safety program is adequate for the proposed activity.

Conclusion/Recommendation

The staff concludes that the proposed activity is acceptable and will not adversely affect the protection provided for the health and safety of plant personnel and the public or the environment. Therefore, the staff recommends that the application be approved.

The Region I Principal Inspector has no objection to this proposed action.

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Approved by: Original Signed By  
George H. Bidinger, Section Leader

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