
Item B-23: LMFBR Fuel

DESCRIPTION

This NUREG-0471¹ task covers a spectrum of technical efforts related to the staff review of LMFBR fuel designs. The efforts include: (1) evaluating licensing requirements for the behavior of stainless steel cladding and hexcans in an LMFBR and establishing fuel damage criteria, (2) developing and maintaining a flexible and well-verified thermal performance code (GAPCON-FAST) for audit calculations, testing of separate effects models, and parametric studies, and (3) evaluating the effect of cladding attack by fission products on the mechanical properties and performance of stainless steel cladding.

CONCLUSION

This item is a Licensing Issue that has been dropped from further consideration.²

¹ NUREG-0471, "Generic Task Problem Descriptions (Categories B, C, and D)," U.S. Nuclear Regulatory Commission, June 1978.

² Memorandum for T. Speis from J. Funches, "Prioritization of Generic Issues—Environmental and Licensing Improvements," February 24, 1983. [8303090540]