

ABSTRACT

This Standard Review Plan (SRP) (Draft NUREG-1718) provides guidance to the NRC staff reviewers in the Office of Nuclear Material Safety and Safeguards who will perform safety, safeguards, and environmental impact reviews of the anticipated application for construction approval and the license application for operations for the Mixed Oxide (MOX) Fuel Fabrication Facility under the proposed 10 CFR Part 70 specifically related to plutonium processing and fuel fabrication. The SRP ensures the quality, uniformity, stability, and predictability of the staff reviews. It presents a defined basis from which to evaluate proposed changes in the scope and requirements of the staff reviews. The SRP makes information about NRC acceptance criteria widely available to interested members of the public and the regulated industry. Each SRP section addresses the responsibilities of persons performing the review, the review areas, the Commission's regulations pertinent to specific technical matters, the acceptance criteria used by the staff, how the review is accomplished, and the conclusions that are appropriate for the Safety Evaluation Report (SER).