

PUBLIC SUBMISSION

As of: 2/8/18 1:38 PM
Received: January 09, 2018
Status: Pending_Post
Tracking No. 1k2-90tv-4j8u
Comments Due: February 05, 2018
Submission Type: Web

Docket: NRC-2017-0236

Preparing to License Accident Tolerant Fuel

Comment On: NRC-2017-0236-0001

Preparing to License Accident Tolerant Fuel

Document: NRC-2017-0236-DRAFT-0002

Comment on FR Doc # N/A

Submitter Information

Name: Donald Desrosiers

General Comment

Using a molten fuel injected into a reactor core heat exchanger designed to be molten as the maximum temperature possible for its purity and shape. When the cooling fluid flows to steam through the heat exchanger the temperature would drop leaving a partly molten or solid mass in the reactor. With disruption if coolant fuel would become molten again for an easy purge from the reactor core stored in a container designed to change the shape and cross section if the fuel that it solidifies with a much lower storage temperature. Initial injection and reinjection after core purge will require fuel to be heated to specific molten injection temperature.

82 FR 60633

12/21/2017 —

(2)

SUNSI Review Complete

Template = ADM - 013

E-RIDS= ADM-03

Add= Andrew Pruffitt (JAP5)