



Reporting Item

April 19, 2022

ITEM

Nuclear Oversight Committee Report

PURPOSE


The Nuclear Oversight Committee provides a regular oversight of items related to the Fort Calhoun Station (FCS) nuclear plant.

FACTS

In addition to safe and secure dry cask storage of fuel, the required Preventative Maintenance tasks and Surveillance Tests, the following major decommissioning activities were conducted:


- Segmentation of the reactor vessel internals continues to progress on schedule. The mechanisms for both cutting and handling of the material for disposal continue to operate reliably. Packaging and transport of this material from site are conducted on a regular basis.
- Demolition of the Auxiliary building continues on track as mechanized equipment advances through the structure. Systematic transfer of debris material to the processing structure remains consistent with projections.
- Materials continue to be extracted from the interior of the Turbine building. Recently major components such as the high and low pressure turbines were safely removed allowing the recycling process of these items to commence.

RECOMMENDED:

DocuSigned by:

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 Troy R. Via
 Chief Operating Officer and
 Vice President Utility Operations

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

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 L. Javier Fernandez
 President and Chief Executive Officer

TRV:tsu

FCS Demolition & Waste Disposal Update



Containment

Turbine Building

Containment Waste Structure

Auxiliary Building



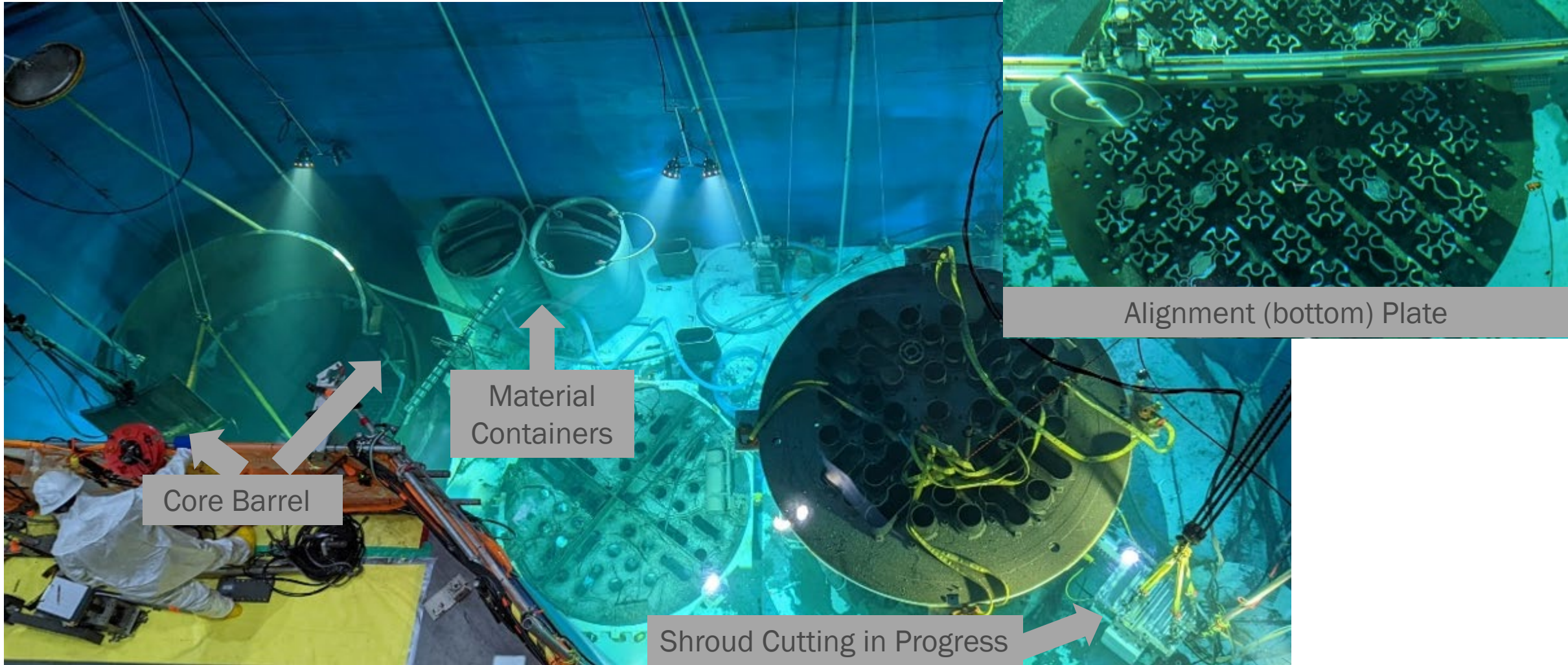
Reactor Vessel Internal (RVI) Segmentation



Shipping Container Operations



RVI Material Segmentation & Packaging



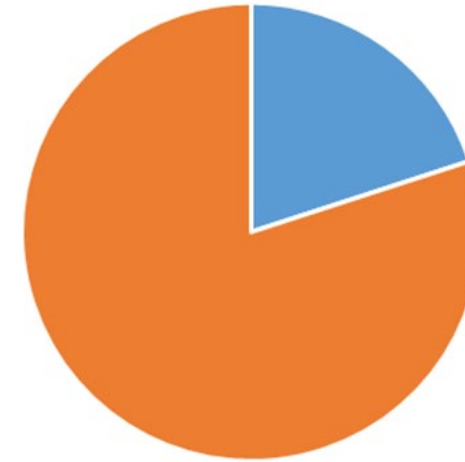
Shipping Container Operations

View from inside containment looking into temporary structure



Sliding Platform

RVI Material Shipments



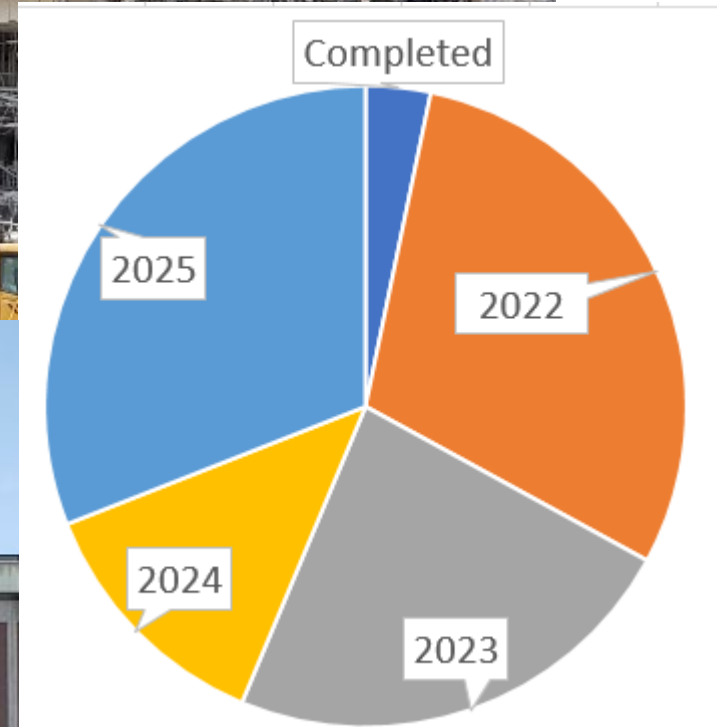
■ Shipped ■ Remaining



Auxiliary Building Demolition



Beginning of Structural Demo



Material Shipments by Year



Turbine Building Demo



Turbine Generator Removal Progress



Turbine Section 1



Cutting shaft between
Sections 2 & 3



Rotors Removed

Condenser Tubes



Concrete recycled to date > 12,000 tons
Scrap metal recycled to date > 2,000 tons

Turbine Rotor



Generator Rotor

