

DRESDEN UNIT 2  
CYCLE 8

Startup Test No. 1  
Core Verification and Audit

PURPOSE

The purpose of this test is to visually verify that the core is loaded as intended.

CRITERIA

The as-loaded core must conform with the referenced core upon which the licensing analysis was performed. At least one independent person must either participate in performing the verification or review a videotape of the verification prior to a startup. Any discrepancies discovered in the loading will be promptly corrected and the affected areas re-verified to be properly loaded prior to startup.

Conformance to the reference loading will be documented by a permanent core serial number map signed by the verifiers.

RESULTS AND DISCUSSION

The Cycle 8 core verification consisted of a core height check performed by the Fuel Handlers and two videotaped passes over the core by Nuclear Engineering personnel during which assembly orientations and locations were verified. Three independent CECO. auditors participated in the verification of the reactor core. No discrepancies were discovered between the General Electric loading plan and the as-loaded core.

Comparison of the General Electric core loading plan with the plan assumed in the Supplemental Reload Licensing Submittal indicated some minor differences involving fuel in the core periphery. General Electric was contacted and stated that the differences were a result of minor modifications to the loading strategy to incorporate actual end-of-cycle bundle exposures. General Electric stated that the changes had no impact on the licensing analyses. Therefore, the as-loaded core conforms to the bases and assumptions of the analyses described in the Dresden 2 Reload 5 Reload Licensing Submittal which was reviewed in accordance with 10 CFR 50.59.

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