

Checks for Calculation No: NSTXU-CALC-011-18 Revision No: 0

PFCs Analysis of the IBDH Tiles

Component was checked against latest design
Yes

All required load cases are included and current
Yes, all load cases reflect the systems requirements document

Discuss method used in the calculation
ANSYS thermal and structural were utilized to simulate the anticipated thermal, EM, and preload conditions under a variety of scenarios.

Discuss how the calculation was checked (*)
Inputs, boundary conditions, and methodology were reviewed. Modeling methodology and inputs were considered for accuracy in reflecting real life conditions.

List issue identified and how they were resolved
No modeling issues were identified. Editorial changes were provided with track changes and incorporated by the preparer.

Checker's name: Moheb Thomas

Technical Authority: _____ (sign and date)

(*) independent calculations can be appended