

# NUCE 431W: Neutronics of a Fusion Plant

## Weekly Progress Report

02/04/2026 - 02/12/2026

---

**Project Manager(s):** (Andrei Khodak) [REDACTED]

**Submitter:** (Rocco Lombardo) (ral5748@psu.edu)

Milestones	Planned Date	Actual Date	Comments
Import .h5m geometry into OpenMC via DAGMC .h5m geometry converter	Feb/08/2026	—	.h5m is now working. We can now import the geometry successfully.

### Accomplished This Week:

General Description	Comments
stl_to_h5m converter working.	successfully configured stl_to_h5m converter to convert .stl of all parts to one .h5m file.
Reactor Geometry rebuilt with separate parts.	—

### Planned for Next Week:

General Description	Comments
Import geometry into OpenMC	Attempt to import the geometry into OpenMC via DAGMC