

NUCE 431W: Neutronics of a Fusion Plant

Weekly Progress Report

02/18/2026 - 02/25/2026

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Milestones	Planned Date	Actual Date	Comments
Import .h5m geometry into OpenMC via DAGMC .h5m geometry converter	Feb/18/2026	—	.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
2-D section view of the reactor	attempt to see the plasma source and the reactor via openmc plotting