

AMERICAN NUCLEAR SOCIETY STUDENT DESIGN COMPETITION INTENT TO PARTICIPATE AND GUIDELINES FORM

- ANS Transactions summaries are due in the 2025 ANS Winter Conference Electronic Paper Submission and Review (EPSR) portal by **Tuesday, June 24, 2025**.
- This form is due **Tuesday, June 24, 2025**.
- Final design reports are due **Tuesday, June 24, 2025**.

Contact:

Dr. Travis W. Knight,
Professor and Chair
Department of Mechanical and
Nuclear Engineering
University of South Carolina
300 Main Street
Columbia, SC 29208
Email: twknight@sc.edu
PH: (803) 777-1465
FX: (803) 777-0106

Checklist:

- _____ Submit the ANS Transactions summary for the project to ANS **by the published deadline but not later than Tuesday, June 24, 2025**. Follow the guidelines for ANS Transactions at: <http://www.ans.org/pubs/transactions/> . Submit your summaries to the ANS Winter Conference at <https://www.ans.org/meetings/browse-national/> . Submit as an invited summary to the session marked: ANS Student Design Competition (organized by ETWDD).
- _____ Email this Form to Contact at right as a Final Registration indicating the ANS Transactions number: _____ (5 digit number, fill in blank). This number is assigned by the EPSR when submitting your summary. Submit this form by **June 24, 2025**.
- _____ Email the Final Report (in Adobe PDF or MSWord) to Contact at right by **June 24, 2025**. Late submissions will be automatically disqualified.

GUIDELINES FOR SUBMISSION

- The contest is open, but design projects should be comprehensive and integrate the major areas covered in the students' course work. A significant part of the project should be nuclear (~40%).
- The design project should encourage creativity and require making assumptions, evaluating alternatives, and justifying the final solution.
- The design project should be solved by a small group of students (2 to 6) who spend no more time than that required for a 3-4 semester hour class.
- Only one final report per university per category may be submitted, i.e., one undergraduate report and one graduate report are the maximum that may be submitted per university.

Participating Institution: _____

Participating Department: _____

Check one: Graduate _____ Undergraduate _____

Names of Participating Students:

1. _____ 2. _____ 3. _____

4. _____ 5. _____ 6. _____

Tentative Project Title: _____

Faculty Advisor: _____

Email: _____

Address: _____

Phone: _____ FAX: _____