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

- ANS Transactions summaries are due in the 2024 ANS Winter Conference Electronic Paper Submission and Review (EPSR) portal by Monday, July 1, 2024.
- This form is due Monday, July 1, 2024.
- Final design reports are due Monday, July 1, 2024.

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 Monday, July 1, 2024. 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 July 1, 2024.
- Email the Final Report (in Adobe PDF or MSWord) to Contact at right by July 1, 2024. 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: __________________________