TO: Nuclear and Radiological Engineering Programs

FROM: Dr. Travis W. Knight
Associate Professor and Director
Nuclear Engineering Program
University of South Carolina
Chairman of the ANS Student Design Competition

DATE: January 9, 2015

RE: 2015 ANS Student Design Competition

Greetings:

This memorandum is the announcement for the 2014 ANS Student Design Competition. The competition is open in that each university has the freedom to define its own design project. Student design reports will be evaluated and ranked by judges from industry and government based on submission of a single design report authored by the participants. There are separate competitions for graduate and undergraduate students. Two undergraduate and two graduate entries will be selected as finalists to make oral presentations to judges in a special invited session at the Winter ANS Meeting. Winner and runner-up awards will be announced in each category at the conclusion of the session.

In addition to the final design report, each entry must also submit electronically a Summary (less than four pages) to ANS for possible publication in the Transactions of the Winter Meeting. These summaries must be submitted to ANS as invited summaries by June 12, 2015 according to instructions for electronic submission that are available on the ANS website (http://www.new.ans.org/pubs/transactions/). Thus, the four finalists who make presentations at the Winter Meeting will have their summaries published in the Transactions of the meeting. The final design reports must be submitted to me by June 19, 2015. Please note there have been some changes to the submission process including the addition of an electronic copy of the final design report.

Your capstone design course, which most ABET accredited programs have, can be the basis for your undergraduate students to enter the competition. Similarly, many programs also have a graduate design course, which can be the basis for graduate students to enter the competition. The Intent to Participate and Guidelines Form and the Judges’ Evaluation Form are online at www.new.ans.org/honors/va-studesign. Please encourage your design-oriented faculty and students, both graduate and undergraduate, to participate in the competition.