CONTRACTS

BWXT receives $84M in Bruce, NASA contracts

BWX Technologies (BWXT) announced in August that the company has been awarded two contracts through its subsidiaries worth a combined total of Can$82 million (about $65 million) by Bruce Power. On August 2, BWXT said that its **BWXT Nuclear Energy Canada Inc.** subsidiary has been awarded a five-year, Can$34-million (about $27 million) contract to supply seven primary heat transport motors for the Bruce nuclear power plant near Kincardine, Ontario. The motors, which are required to drive the main circulating pumps used to push heavy water through the reactor core into the steam generators, are part of Bruce's life-extension program for six of its reactors. The scope of the contract includes the project management, engineering, and manufacture of seven 11,000-horsepower motors. BWXT said that work under the contract will begin immediately, with the first motor scheduled to be delivered to Bruce Power in mid-2018.

NOTE: *Nuclear News* publishes news about nuclear industry contracts—but only about contract awards. We generally do not publish announcements that the work is under way or announcements that the work has been completed. Send your new contract award announcements to: Industry Editor, *Nuclear News,* 555 N. Kensington Ave., La Grange Park, IL 60526; fax 708/579-8204; e-mail <nucnews@ans.org>.

On August 10, BWXT announced that its **BWXT Canada Ltd.** subsidiary was awarded an amendment to its existing steam generator purchase agreement with Bruce Power worth Can$48 million (about $38 million). According to BWXT, the amendment reflects the addition of steam drums to Bruce Power's steam generator agreement with BWXT Canada, previously announced in July 2016. The steam drums and associated steam separation internals will be designed and fabricated in BWXT's Cambridge, Ontario, facility as part of eight steam generators that will be supplied to Bruce Power's Bruce B Unit 6 reactor under the plant's life-extension program.

In addition to the Bruce contracts, BWXT announced on August 3 that its **BWXT Nuclear Energy Inc.** subsidiary has been awarded an $18.8-million

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NEW FACULTY SEARCHES IN NUCLEAR ENGINEERING

The Department of Mechanical and Nuclear Engineering at The Pennsylvania State University is pleased to invite applications for tenure-track positions anticipated in nuclear engineering at all ranks. The Department will consider all areas of nuclear engineering.

The Department is home to more than 60 faculty, 300 graduate students, and 1300 undergraduate students. The faculty conduct in excess of $25M per year of funded research across a broad spectrum areas. The Department offers separate B.S., M.S., and Ph.D. degree programs in both mechanical engineering and nuclear engineering, including online graduate programs in both disciplines. The faculty associated with the Nuclear Engineering Program conduct state-of-the-art research on nuclear power with research connections to industry and government with international partnerships, sponsored by the new Global Nuclear Power Safety Center. The Program benefits from the Breazeale Nuclear Reactor and the Radiation Science and Engineering Center for education and research and we encourage interdisciplinary collaborations across the institution. We have interests in nuclear power topics such as nuclear security and nonproliferation, reactor physics and fuel management, thermal-hydraulics, nuclear materials, instrumentation and controls, nuclear safety, advanced reactors and nuclear fuel cycle analysis. Further information on the Department and on the Nuclear Engineering Program can be found at: http://www.mne.psu.edu/.

Applicants should have a doctorate in nuclear engineering or a related field, and have demonstrated outstanding scholarly research experience and teaching interests in nuclear engineering. Successful candidates will be expected to teach courses at both the undergraduate and graduate levels, to develop an internationally recognized, externally-funded research program, and to contribute to the operation and promotion of the department, college, university, and profession through service.

Nominations and applications will be considered until the positions are filled. Screening of applicants will begin on October 1st, 2017. Applicants should submit a cover letter, a statement on teaching and research, a curriculum vitae, and the names and addresses of four professional references who are academics at the rank of Professor. Please submit these four items in one pdf file electronically to job 72159 at https://psu.jobs/job/72159 .

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