



Diablo Canyon in San Luis Obispo County, Calif., is slated for premature closure, mainly for political reasons. Some of the world's leading climate scientists sent a letter to the governor of California, stating that nuclear energy is essential to fighting global warming and decarbonizing society. (Photo: PG&E)

More than offsetting this additional capacity, however, is the projected retirement of 29.9 GW of nuclear capacity through 2050, especially those plants expected to close by 2026. The foolish recent closing of Indian Point has erased most of New York's progress in lowering its carbon footprint with renewables.

China is planning 180 GW of new nuclear capacity by 2035. If the rest of the world followed suit in proportion, we would have a chance.

So, if you think we've been doing a reasonable job of curbing fossil fuel use, even after spending some trillions of dollars, you are sadly mistaken. It's nice to have a plan, but if it's not based on reality, it's not going to happen. ☒

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College of Engineering

FACULTY POSITION SCHOOL OF NUCLEAR ENGINEERING

The School of Nuclear Engineering at Purdue University invites applications for a non-tenure track Faculty of Engineering Practice position at the rank of Associate or Full Professor. Purdue University seeks to attract exceptional candidates with interests and expertise in nuclear reactor operation and management, mentoring nuclear reactor operators, teaching senior design and lab classes in the school of Nuclear Engineering, and developing partnerships with nuclear industry and national laboratories to help establish a practice-focused research program. Successful candidates must hold a Ph.D. degree in Nuclear Engineering or a related discipline and demonstrate potential to integrate their professional practice with the School of Nuclear Engineering's research, education, and/or engagement/outreach programs. Preference will be given to applicants demonstrating an ability to build an applied industry-related research program to facilitate exchange of best practices between industry and academia. The successful candidate will manage the Radiation Laboratory, teach undergraduate and graduate level courses, mentor students, conduct applied/practice-based research, and perform service at the School, College, and University levels.

The School of Nuclear Engineering at Purdue University is a highly ranked nuclear engineering program with its renowned core faculty engaged in all areas of School of Nuclear Engineering, as well as significant interdisciplinary efforts across campus, with other academic institutions, and with industrial partners. The School of Nuclear Engineering has outstanding facilities, including Purdue's Nuclear Reactor Facility PUR-1, the only reactor in the nation licensed with 100% digital instrumentation and control system, Center for Materials Under eXtreme Environments (CMUXE), thermal hydraulics facilities including PUMA facility, and radiation laboratory (<https://engineering.purdue.edu/NE/research/facilities/reactor>).

The School is an integral part of Purdue's College of Engineering. Purdue Engineering is one of the largest and top-ranked engineering colleges in the nation (2nd public college for engineering, 3rd for online graduate engineering programs, 4th for graduate programs, 6th in the world for utility patents, and 9th for undergraduate programs) and renowned for top-notch faculty, students, unique research facilities, and a culture of collegiality and excellence. The College goal of Pinnacle of Excellence at Scale is guiding strategic growth in new directions, by investing in people, exciting initiatives, and facilities.

Applications must be submitted electronically via this site:

<https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=15392&company=purdueuniv>

including a complete (1) curriculum vitae, (2) teaching plan, (3) research/engagement/outreach plan, (4) a diversity and inclusion statement indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion, and (5) names and contact information for at least three references. The search committee may contact references to request letters. For information/questions regarding applications contact the Office of Academic Affairs, College of Engineering, at coacademicaffairs@purdue.edu. Review of applications will begin on September 6, 2021 and will continue until the position is filled. A background check is required for employment in this position.

Purdue is an ADVANCE institution <http://www.purdue.edu/advance-purdue/>. The School of Nuclear Engineering is committed to advancing diversity in all areas of faculty effort including discovery, instruction, and engagement. Purdue and the College of Engineering have a Concierge Program that provides dual career assistance and relocation services.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.