

4th Nuclear Facilities Experience – United Kingdom

June 26-30, 2017

Application Announcement

The Nuclear Security Science and Policy Institute (NSSPI) at Texas A&M University (TAMU), under a grant provided by the National Nuclear Security Administration (NNSA)'s Next Generation Safeguards Initiative (NGSI), is coordinating the Fourth Nuclear Facilities Experience (NFE) in the United Kingdom for the week of June 26-30, 2017. The NFE is an opportunity for competent graduate-level students in the areas of nuclear engineering and material safeguards to visit advanced operating nuclear fuel cycle facilities in order to discuss topics such as facility operations, responsible nuclear materials management, applied material safeguards, etc. The NFE is led by NSSPI faculty at TAMU and will consist of students from relevant academic programs at various U.S. universities. Tentative facilities to be included in the 4th NFE are the Springfields fuel production facility, URENCO's uranium enrichment facility in Capenhurst, the Sellafield nuclear site (including the thermal oxide reprocessing plant), and the Heysham AGR Nuclear Power Plant. Participants will be selected by NSSPI and travel charges (airfare, lodging, and M&IE) will be covered by NSSPI. Applications will be accepted until April 28th, 2017 and selections will be made by May 5th, 2017. Notifications will be sent out shortly thereafter and the inclusive travel dates for the NFE event will be from June 23-July 1. Interested applicants should submit the following to Claudio Gariazzo, NFE coordinator, at cgariazzo@tamu.edu no later than **April 28, 2017 by 11:59PM CST**. Please send a single email with the subject heading "2017 UK NFE Application" with the following three attachments (preferably in .pdf form):

1. **Resume** (required information includes):
 - Graduate research area
 - Current degree being sought
 - Estimated graduation date – May 2017 or after only
 - Relevant courses taken – courses in nuclear safeguards, radiation detection, nuclear fuel cycle, nuclear security, nuclear nonproliferation, etc. are preferred
 - List of references with contact information (at least 3)
 - Next Generation Safeguards Initiative (NGSI) experiences:
 - Short courses: list title(s) and date(s) of nonproliferation short courses completed at U.S. National Laboratories or as part of UCSD's PPNT boot camp
 - Internships: list mentor name and date of safeguards internships or fellowships performed at a national lab (include upcoming summer 2017)
2. **One letter of recommendation** (preferably from the research advisor) stating the student's involvement and perceived interest in nonproliferation/safeguards activities
3. **Personal statement** (1-page) highlighting how the 2017 UK NFE will benefit the student's current and future research goals

The number of open positions depends on travel costs (estimated between 4 and 6 students). Participants are expected to room with one other student (2 of the same gender to a room), visit all facilities with group, participate in all planned activities, and exhibit professionalism during the entire event. Transportation between facilities and activities will be via train or bus. *There is a possibility that participants may be asked to provide a short briefing of their respective academic program and/or research activities during one or more visits.* More information will be provided closer to the date of the event. Email any questions to cgariazzo@tamu.edu.