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## Reed College Reactor Infrastructure Support

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**Collaborators:** N/A

**Program:** Reactor Upgrades

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### ABSTRACT:

Reed College is home to a 250 kW TRIGA reactor. The reactor is not associated with any particular academic program, however, it serves to enhance and enrich the collegiate experience of the undergraduates. The reactor-training program has an exemplary pass rate, historically putting forward 15 reactor candidates and 10 senior reactor operator upgrades each spring. These candidates come from all disciplines of Reed College, including philosophy, studio arts, and history. These students do not typically go on to become nuclear engineers or health physicists, but they do go on to become individuals who are politically active, shape communities' futures, and changes societies' perceptions regarding nuclear reactors and radiation science.

Reed College is requesting funding to replace aging primary pump station, parts of the primary piping, in-line demineralizer tanks, and log channel.