

## Nu Tools: Exploring Practical Roles for Neutrinos in Nuclear Energy and Security

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The Nu Tools study was developed to explore the potential roles for neutrino within nuclear energy and nuclear security. This effort differs from previous neutrino detector studies as it is focused on the potential utilities and determining if there is a possible use case for neutrino detectors as a monitoring technology. Due to the importance of understanding potential use cases, this effort focused on interviewing experts working in the respective application areas. These experts focused on nuclear safeguards and nuclear reactor operations, while also including a set of neutrino technology experts. This presentation will describe the details of the Nu Tools study and methods, the Nu Tools Framework, cross-cutting and use-case specific findings for the study.

### Abstract title

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