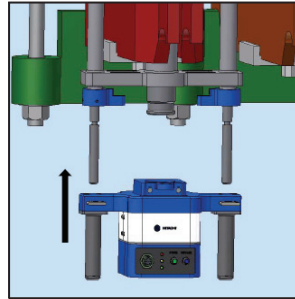


GEH Field Services – Outage Services Remote Uncoupling Tool

fact sheet

The Remote Uncoupling Tool is designed to provide BWR plants the ability to uncouple Control Rod Drive Mechanisms from Control Rod Blades from below vessel while minimizing the amount of radiation workers are exposed to as compared to historic uncoupling activities from below the vessel. The Remote Uncoupling Tool is another example of the many remote and automated tooling offerings from GE Hitachi Nuclear Energy.



By providing for a low dose alternative to uncoupling from the Refuel Floor, the Remote Uncoupling Tool is intended to help reduce Refuel Floor critical path impact and to help minimize radiation exposure. Through advanced sensor and remote activation technology, it is designed to permit technicians to perform uncoupling with no one present in the UV area, after the initial installation of the toolset. The Remote Uncoupling Tool has been shown to save up to 60% of the accumulated radiation exposure as compared to historic performance of similar scope.

Benefits

Designed to:

- Eliminate deferral of uncoupling to Refuel Floor
- Reduce dose associated with uncoupling by as much as 60%
- Allow for parallel work activities in the UV environment during uncoupling
- Allow uncoupling to be performed with Support Grid Plates installed further decreasing area radiation levels



Features

- Wireless and wired communication capabilities
- On-tool and remote indication of Uncoupling Status
- On board battery capable of performing 30 plus insert/retractions
- Can be installed at a given location in two minutes or less

To find out more about our Under Vessel Product Line contact your GE Hitachi Nuclear Energy sales representative or visit us at www.ge.com/nuclear



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