

Project Location:

Millstone Nuclear Power Station
Waterford, Connecticut

Client:

AREVA
(formerly Transnuclear, Inc.)

Project Scope:

Decommissioning Operations
Integration and GTCC Reactor
Vessel Internals Segmentation,
Removal, and Packaging

Period of Performance:

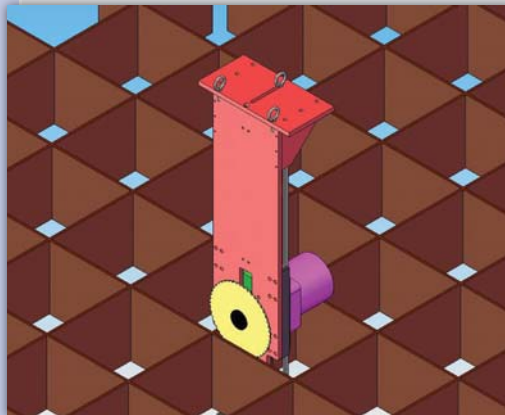
January 2002 to March 2004
(Operations Integration)

February 2002 to March 2004
(GTCC Segmentation)

MOTA Corporation teamed with Transnuclear, Inc., in support of the Millstone Nuclear Power Station Unit 1 ISFSI and Related Issues Project. This included active on-site supervision and administrative support for integration of decommissioning operations and planning and executing the segmentation of the Greater Than Class C (GTCC) Upper Grid Assembly. Specific activities included:



- Senior management support for decommissioning and decontamination planning operations;
- Field operations oversight throughout completion of the scope of work;
- Development, fabrication, and deployment of specialized Hydraulically Operated Rotating Cutting Equipment (HORCE) remote segmentation tooling, equipment, and methods;
- Development, fabrication, and deployment of custom-designed secondary segmentation waste capture and collection systems;
- Full-scale mock-up testing and operation optimization of HORCE tooling in cutting one quarter segment of the Upper Grid Assembly;
- Performance of GTCC reactor vessel internals removal.



Project Performance Features:

- ◆ Integration of overall decommissioning operations.
- ◆ Reactor decommissioning planning, field operations management, and oversight.
- ◆ Performance of GTCC reactor internals segmentation and removal.
- ◆ Utilization of innovative and practical approaches to solve complicated challenges. Specific examples include design, fabrication, and deployment of remote mechanical segmentation tooling and capture of 100% of GTCC kerf material.



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