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U.S.A.

R-418

## PREPARATION FOR FIELD APPLICATION OF FULL SYSTEM DECONTAMINATION AT INDIAN POINT 2

**Keywords:** CONTAMINATION REMOVAL; DOSE; DOSE RATE;  
DECONTAMINATION; FULL SYSTEM DECONTAMINATION;  
DECONTAMINATION FACTORS; INDIAN POINT 2

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**Objectives:** To examine, from a vendor's perspective, the requirements for a field application of full system decontamination, starting from engineering, through completion of the decontamination process and spent resin processing.

**Comments:** The preparation for field application at Indian Point 2 began in January 1992 with engineering of plants modifications and jumpers needed for installation of the equipment at Indian Point 2. Plant modifications were performed in two phases in the Fall of 1992 and the Summer of 1994. The modifications were required to enlarge an exterior door and to remove retired equipment from the elevation of 80 ft. drumming station of the primary auxiliary building, where the bulk of the decontamination process equipment was to be located.

**Remarks:** Design, procurement, fabrication and ship testing of the decontamination process equipment was completed in July 1994. Installation and testing of the equipment was completed in January 1995. The decontamination process was performed from March 1 through March 9, 1995. Due to the re-opening of the Barnwell, South Carolina facility for use by Con Edison, waste processing plans were modified, and spent resin processing was initiated on September 14, 1995 and completed by October 20, 1995.

**References:** Sheffield, J. R., "Full System Decontamination Preparation for Field Application at Indian Point 2," Proceedings, EPRI Radiation Field Control and Chemical Decontamination Seminar, Tampa, Florida, November 1995, EPRI Distribution Center, P.O. Box 23205, Pleasant Hill, CA 94523.

**Duration:** from: 1993 to: 1995

**Funding:** N/A

**Status:** Completed

**Last Update:** May 7, 1996