

N125. Robotic Applications

The number of robotic applications in nuclear power plants has increased from 1 in 1982 to about 64 in 1990, and this increase has been associated with 28 utilities involved in robotics in 1990.

Robotics is an innovative field which has great potential, but caution should be exercised in its application. It should not be looked upon as the ultimate solution to dose or outage schedule reduction, rather it should be viewed as an integral part of the overall solution to the industry's needs.

This paper provides an up-to-date review of the application of robotics in the utility in the nuclear power industry and includes 14 references to recent literature on the subject.

Taken From: "The Development and Application of Remote Equipment for Dose Reduction in Commercial Nuclear Power Stations," K.R. Brittain (EPRI, Nondestructive Evaluation Center, Charlotte, NC 28212 USA). Presented at the Workshop on Work Management and Occupational Dose Control, OECD Nuclear Energy Agency, Paris, France, February 4-6, 1992.