

N36. Chemical Decontamination In Germany

Already some plants have had to replace their steam generators due to severe corrosion damage, and others are now seriously considering the same expensive step. However, extensive field experience acquired by KWU-Siemens shows that corrosion can be brought under control very effectively by chemical-cleaning techniques.

The KWU chemical cleaning process consists of two different single-step methods for sludge removal: a high-temperature iron process; and a copper process with ambient application temperature. The iron and copper process can be applied either in combination or separately, and use separate solvents.

For more, see Odar, S., Kuhnke, K. and Reiss, R., "Solving SG Corrosion Problems with the KWU Chemical Cleaning Technique," Nucl. Eng. Intl., Vol. 35, No. 433, pp. 33-35, August 1990.