

### **3445. BECOMING A WORLD CLASS ALARA PERFORMER WITH EPRI TECHNOLOGY**

Collective exposures at U.S. plants are still trending down, although not as rapidly as in the past, and are now in line with values reported by other countries with nuclear programs. Although plant personnel are under increasing pressure to reduce outage times and operating costs, there are still technical and economic incentives for nuclear utilities to implement available technologies and to pursue excellence in matters relating to minimizing personnel exposure. EPRI has historically played a lead role in developing a range of technologies for its member utilities that provide them with the tools for lowering personnel exposure. The focus is now shifting to expand the range of applications of proven products and to lowering the cost of maintaining shutdown fields at their current levels. This talk will identify products in the areas of cobalt source reduction, control of primary water chemistry in both PWRs and BWRs, surface modification (preconditioning) treatments, and decontamination that currently are being used at various nuclear sites to achieve ALARA goals. Implementation of these technologies will help plants become "world class ALARA performers."

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