

## **Update on EPRI Carbon 14 Projects**

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### **ABSTRACT**

Since the issuance of Regulatory Guide 1.21 Revision 2, EPRI has assisted the nuclear industry with implementation guidance for carbon-14 estimation reporting in gaseous effluents. In 2012, EPRI published technical report 1024827 that researched the various carbon-14 dose calculation and reporting methods used domestically. This research found varied methods for estimation and reporting used by the nuclear industry as mandatory carbon-14 reporting became effective in the U. S. Several varied yet valid methodologies were identified including some that considered best practices. This presentation provides a summary of this work and of the future EPRI carbon-14 research.

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