

## **ABSTRACT**

### **“Summary of Regulatory Guide-1.21 Carbon-14 Reports”**

Available 2011 Regulatory Guide-1.21 reports were reviewed to assess the reported Carbon-14 release and methodology. Of the 13 BWR sites, 10 used a methodology based on EPRI-1021106, and of the 13 PWR sites, 8 were based on EPRI-1021106. The average BWR reactor Carbon-14 release was 11.6 Curies and the average PWR reactor release was 9.4 Curies