

## **Committee on Radiation Source Use and Replacement**

### **Statement of Task**

**The principal task of this study is to review the current industrial, research, and commercial (including medical) uses of radiation sources to identify uses for which:**

- (1) the radiation source can be replaced with an equivalent (or improved) process that does not require the use of radioisotopes; or**
- (2) the radiation source can be replaced with another radiation source that poses a lower risk to public health and safety if it is involved in an accident or used in a terrorist attack.**

**The study should explicitly consider technical and economic feasibility and risks to workers from such replacements.**

**The National Academies will issue a public report at the conclusion of the study. The report will contain a review of radiation source use, potential replacements for sources that pose a high risk to public health or safety, and findings and recommendations on options for implementing the identified replacements.**