Appendix 30

SAFETY EVALUATION OF PROPOSED USES/USERS

The Radiation Safety Committee will evaluate an “Application for Permission to Obtain and Use Radioactive Isotopes” (see Appendix 2 of the Radiation Safety Handbook) using the following areas:

1. Training & Experience
2. External Hazard Evaluation
*3. Facility Selection Criteria
4. Description of Use - see Application to Obtain and Use Radioactive Materials, Appendix 2
5. If indicated, determine the need for a bioassay (urine sample/thyroid uptake)
6. If indicated, the Radiation Safety Office evaluates experimental procedure by use of a "cold run"
7. Determine the need for personnel monitoring (film badge/ring badge)
8. Determine the need for air monitoring
9. Determine the waste disposal needs/requirements.

*The facility and equipment criteria be developed is based on the IAEA Safety Series No. 1, “Safe Handling of Radioisotopes.”