1. ORGANIZATIONAL STRUCTURE AND AUTHORITY

1.1 RADIATION SAFETY PROGRAM ORGANIZATION

The organization of the Radiation Safety Program for NRC License No. 24-0167-11 is shown in Figure 1-1, Radiation Safety Organization. Use of all radioactive materials at Washington University and Washington University Medical Center (WU/WUMC) is governed by Executive Management, the Radiation Safety Officer and two safety committees:

1. The **Radiation Safety Committee** (RSC) has authority over all uses of radioactive materials at WU/WUMC except for the review of human research involving radioactive drugs. The current membership is given in the **RSC Membership** table.

2. The **Radioactive Drug Research Committee** (RDRC) has authority over human research involving radioactive drugs. Current RDRC membership and contact information is given in the **RDRC Membership** table.

In addition, the Radiation Safety Committee (RSC) has two active subcommittees that address specific issues.

1. The **RSC Applications Subcommittee** is scheduled to meet each week to review applications submitted by research faculty. The current membership is given in the **Applications Subcommittee Membership** table.

2. The **RSC Positron-Emitting Radionuclides and Cyclotron Safety Subcommittee** (PERCS Subcommittee) meets several times a year to review safety issues associated with the use of particle accelerators used for the on-site production of radioactive materials, and the use of positron-emitting radionuclides. The current membership is given in the **PERCS Subcommittee Membership** table.

1.2 RADIATION SAFETY OFFICER

The Radiation Safety Officer (RSO) is Susan M. Langhorst, Ph.D., CHP

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The RSO is appointed by the Chancellor of the University and serves as Executive Secretary of the Radiation Safety Committee (RSC) and as a member of the Radioactive Drug Research Committee (RDRC). The RSO serves as director of the Radiation Safety Office, a division of the WU Environmental Health and Safety Department (EH&S). The RSO directs the radiation safety activities necessary to implement and enforce the safety program established by the RSC. The RSO is provided the administrative authority by the Chancellor to enforce procedures pertaining to the radiation safety program including the authority to temporarily suspend activities involving ionizing radiation deemed to be unsafe subject to review by the appropriate radiation committee.
Radiation Safety Committee members are appointed by and the RSC reports to the Executive Vice Chancellor for Medical Affairs. The RSC oversees NRC licensed activities at Washington University in St. Louis Facilities and the Washington University Medical Center Facilities (includes Washington University Medical School, Barnes-Jewish Hospital, St. Louis Children’s Hospital, and Howard Hughes Medical Institute).

Radioactive Drug Research Committee members are appointed by and the RDRC reports to the Executive Vice Chancellor for Medical Affairs. The RDRC oversees the human research use of radioactive drugs specifically subject to the requirements of 21 CFR 361.1. It also oversees all other research protocols involving the administration of radioactive drugs to human subjects at Washington University and functions for this purpose as a subcommittee for both the RSC and the Human Research Protection Office.