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The use of radioactive materials in Canada is governed by the Nuclear Safety and Control (NSC) Act which are enforced by the Canadian Nuclear Safety Commission (CNSC). The act and regulations require a Radiation Safety Program guided by the University of Northern British Columbia's Committee on Radionuclides and Radiation Hazard (CRRM) and administered by the Radiation Safety Officer. The University of Northern British Columbia supports the safe and responsible use of radioactive material and therefore the use of radioactive material requires a Radioisotope Permit issued by the Committee. The policies and procedures that make up the Radiation Safety Program are to maintain a reasonable level of control over the use and disposition of radioactive materials while conforming with the NSC Act without unduly hampering the development of experimental programs. The cooperation of individual users with the Committee and its representatives is vital.

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The University of Northern British Columbia endeavours to provide an environment to ensure the doses of ionizing radiation of all staff and students from the use of radioactive materials do not exceed the limits specified in the Radiation Protection Regulations and be kept as low as reasonably achievable. In any case, the Permit Holder must ensure that no person will be exposed to ionizing radiation in excess of maximum permissible doses listed in the Radiation Protection Regulations.

The Radiation Safety Policy and Procedures will apply to all activities which utilize radioisotopes and radiation emitting devices including:

- 1) University teaching programs and University research projects
- 2) research involving the use of University facilities
- 3) research funded by other agencies through the University
- 4) any other projects that the Committee deems are within the jurisdiction of the Committee.

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The Committee on Radionuclides and Radiation Hazard (appointed by the President's Council) has been given the

6.2 Responsibilities

The RSO is responsible for:

- 1) administering the policy of the University and its Radiation Safety Program and acting as liaison with the CNSC and other regulatory agencies;
- 2) reviewing all applications for Radioisotope Users' Permits before submission, with recommendations, to the Committee for consideration;
- 3) maintaining files on all activities involving radioactive materials and sources of hazardous radiation;
- 4) reviewing orders for the purchase of radioactive materials and other radiation sources and reconciling these with the issued permit;
- 5) maintaining a campus-wide inventory of radioactive sources by permit. This will be updated regularly by checking purchase orders for radioactive material and by cross-reference with inventories held by users, as necessary;
- 6) inspecting and surveying laboratories and other workplaces where radioisotopes, or any other radiation emitting devices are used;
- 7) supervising a radioactive waste collection and disposal service in accordance with approved procedures. This will include assuming responsibility for the proper handling of any radioactive substance which cannot be identified as the responsibility of another

