

Report on the
RADIATION SAFETY PROGRAM
to the Audit Committee
of the Board of Governors

September 11, 2001

Nuclear Safety and the Control Act

Recent developments in nuclear safety regulations and their impact on the industry.

The Control Act, which governs the operation of nuclear power plants, has been revised to address the challenges posed by modern nuclear technology.

The revised Act introduces new requirements for the design and construction of nuclear power plants, as well as for the licensing and operation of these facilities.

These changes are intended to enhance the safety and security of nuclear power plants and to ensure that they meet the highest standards of performance.

The revised Act also addresses the issue of nuclear waste management, which is a critical component of the nuclear fuel cycle.

The Act requires that nuclear waste be managed in a safe and secure manner, and that the costs of waste management be borne by the nuclear industry.

The revised Act also introduces new provisions for the licensing and operation of nuclear power plants, which are designed to ensure that these facilities are operated in a safe and secure manner.

The Act requires that nuclear power plants be licensed by the Nuclear Safety and Security Commission, which is responsible for ensuring that these facilities meet the highest standards of safety and security.

The revised Act also introduces new provisions for the operation of nuclear power plants, which are designed to ensure that these facilities are operated in a safe and secure manner.

The Act requires that nuclear power plants be operated in accordance with the safety and security requirements set out in the Act, and that the costs of operation be borne by the nuclear industry.

The revised Act also introduces new provisions for the licensing and operation of nuclear power plants, which are designed to ensure that these facilities are operated in a safe and secure manner.

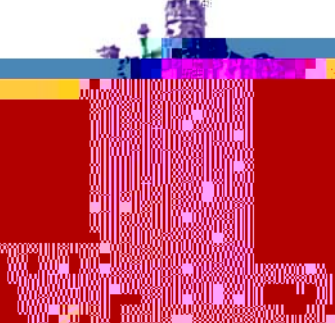
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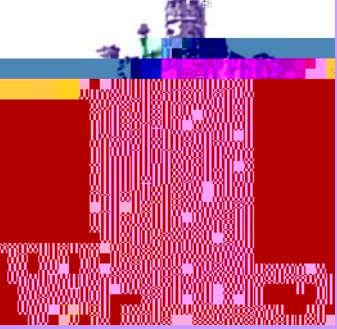
UWO Radiation Safety Program

- Governed by the NSC Act
- Regulatory Guide is G-121
- Radiation Safety Manual - policies and procedures



Administration for Radiation Safety

- **Radiation Safety Officer**
- **Radiation Safety Committee**
- **Senior Management (VP, Deans, Chairs)**



Accountability For Radiation Safety

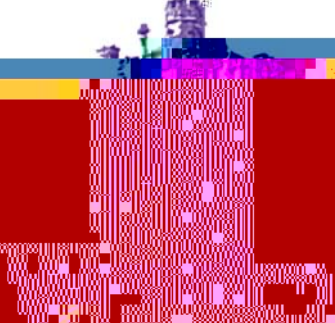
- Permit Holder
- Supervisors
- Radiation Workers

UWO DEPARTMENTS WITH RADIATION PERMITS

Department Chairs Accountabilities for Radiation Safety Program

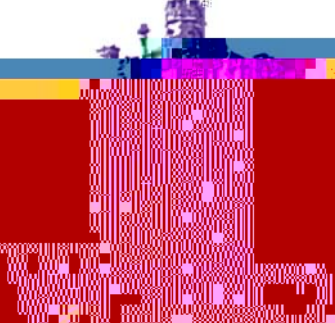
→ Oversee lab decommissioning

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CNSC February 2001 Inspection Results for UWO

| Building | Rating |
|----------|--------|
| | |



CNSC Audit Process

- The purpose of the audit is to verify the radiation protection program, evaluate performance, and inspect for compliance
- Planning for audit is scheduled Sept. 24 and 25
- Site visit for audit is scheduled week of October 22 - 26
- There will be 2 teams of 3 people assessing the University (interviews and lab inspections)



CNSC Audit Process

- **The site visit will entail interviews with a broad spectrum of faculty, staff and students**
- **Following the site visit in 6-8 weeks a written report is sent to the University**
- **Major issues observed by the team will be dealt with during the visit**
- **UWO will have 30 days to respond to the recommendations of the written report**

Potential Outcomes of the Audit

- Best case scenario: No major infractions; continuing operating as we currently are
- Worst case scenario: Identify major infractions; suspension of UWO license in use of radioactive material
- A single major infraction in one la