CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU
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Permit Submittal Guideline

RADIOACTIVE MATERIALS

This guide is to assist in the permitting process for the storage and use of radioactive materials. Operational and construction permits are required per sections 105.5.67 and 105.6.34 of the CCFC. Radioactive materials are materials which emit alpha or beta particles, gamma rays or neutrons and are regulated by the Nuclear Regulatory Commission and/or Nevada Division of Public and Behavioral Health Radiation Control Program.

Permits are required to store or handle at any installation any amount of *radioactive materials* for which a specific license from the Nuclear Regulatory Commission and/or Nevada Division of Public and Behavioral Health Radiation Control Program is needed.

APPLICABLE CODES:

The following codes and standard apply to this permit.

- *International Fire Code*, 2024 edition (IFC)
- *International Building Code, 2024 edition* (IBC)
- *Clark County Fire Code Amendments*, 2024 edition (CCFC)

SUBMITTAL REQUIREMENTS:

The requirements listed in this guide are not intended to be all inclusive, nor do they entail a limit to the extent of the information, etc., which may be necessary to properly evaluate the submitted plans and documents. Reference CCFC section 5006 and provide all applicable information that pertains to your permit and upload PDF submittal to PLAN ROOM. Not all items may apply to your project.

1. **PROJECT INFORMATION;**
   - Project name, address, and APN (Assessor's Parcel Number).
   - Contractor's/Owner's contact information.
   - Radioactive Materials License Number
   - Certifications: A copy of the facility's Nuclear Regulatory Commission License and a copy of the facility's Nevada Division of Public and Behavioral Health Radiation Control Program License.

2. **PLAN INFORMATION: Provide Plan showing the following items;**
   - A plan view of the building showing location(s) of permittable quantities of radioactive materials
   - Storage methods
   - Signage

3. **QUANITY AND TYPE:**
   - The total quantities of radioactive materials reported in curies, with the type of emitter(alpha, beta, gamma, neutron) identified.

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- Radionuclides possessed
- Maximum activity of each radionuclide
- Sealed vs. unsealed source designation
- Radiation

4. **SAFETY PROTOCALS:**
    - Radiation Safety Officer contact information
    - Emergency procedures for spills, releases, or fires

PERMIT DURATION:

Radioactive Materials permits are Operational Permits and are limited to a duration of one (1) year and shall be renewed annually. Revisions are to be submitted.

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