

## Radioactive Materials (RAM) Irradiator Licensing Checklist



Licensee	Lic.#
Submit 1	copy only. Number all pages sequentially that are submitted for review.
☐ Su	ne appropriate NUREG-1556 Vol 6, it can be used as guidance to complete this checklist. bmit all Policy and Procedures to the Nevada Radiation Control Program.  /www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/
Submit tl	he Application signed by executive management or a person authorized to sign original documents.
☐ If f	Assurance, Decommissioning and Emergency Plans: Einancial assurance is required, submit documentation required by NAC 459.1955. Emergency Plan is required per NAC 459.1951, submit the plan required by NAC 459.195.
☐ Index of	nd use facility address and diagram clude the addresses of the business office & use facility if different. It is a facility Diagram including; Scale, the direction ↑ north, identify the irradiator location, label the area surrounding the irradiator location and describe the use of each area escribe the means of preventing access to unauthorized personnel and a description of the two tangibles arriers used in securing the storage location.  Sommit to Caution Radiation signs as required. It is a letter from the land lord stating that they are aware of the storage/use of RAM. It is the late of the storage/use of RAM. It is the late of the storage/use of RAM. It is the late of the storage/use of RAM. It is the late of the storage of
□ Co	ed Users abmit name(s) and include training certificates: current RAD Safety training program. commit to each employee will complete basic radiation safety annually. A current list of users shall be aintained by the RSO.
□ Su □ Su □ Su htt	a Safety Officer (RSO), and if applicable, Alternate RSO (ARSO) abmit training certificates for Radiation Safety, current RSO training. abmit a copy of a RAM license listed as RSO (if available) abmit an organizational chart and a Delegation of Authority form with wet signatures. app://dpbh.nv.gov/uploadedFiles/dpbhnvgov/content/Reg/Radoactive- tl/Docs/RSO_DelegationAuthority.pdf
☐ Su R. ☐ If 45 ☐ Su ☐ Co	urce RAM Inventory Policy & Procedure  abmit a list of nuclides (including DU) with maximum possession limits and, describe the use of the AM for each. (e.g. Co-60, Max of 6000 curies, for the irradiation of blood products).  applicable, submit an Emergency Plan, A Decommissioning Plan and Financial Assurance. (NAC 69.1955)  abmit the Manufacturer and Model Number for each device.  commit to performing and documenting a physical inventory every 6 months.  commit to Leak Testing as per manufacturer and submit:  I Include the name of the company supplying kits and analyzing the leak tests.  If they are self-analyzed, submit Licensee's procedures for analysis.  List of Users to perform leak tests other than the RSO, & submit their training.

	try Policy& Procedure Provide the name of your dosimetry provider (NVLAP approvider) Commit to maintaining control badges for accurate dose asses Commit to personnel will wear their personnel dosimeters what the licensee does not use dosimetry due to 10% rule they not 10% annual exposure limit. Submit proof / calculations of public dose assessment (<100 mm.)	sment.  ile working with RAM.  ed to submit proof that they are belo	ow the
	on Survey Instruments Policy & Procedure Submit the manufacture name, model # and detection ability. Commit to an annual calibration & the name of the company p		ction)
	Program  Commit to an annual review of the radiation safety program.  Commit to an annual Radiation Safety Training for operators.  Commit to posting the current NRC1 "Notice to Employees"	signage	
	Submit step by step procedures for safe use of RAM. Submit procedures for Inspection and Routine Maintenance, of Commit to non-routine maintenance performed by manufactur or an Agreement State. Submit procedures for workers to use in case of Incident Respreporting requirements. Include the contact information for those who should be notific RSO & Nevada RCP- contact numbers:  Radiation Control Program (8:00AM–5:00PM M-F) Radiation Control Program 24 hr Emergency Number Nevada Highway Patrol (24 hrs)	rer or those specifically licensed by conse (damage, theft or loss) and the	
s 	The transfer or disposal will be conducted by returning to the specific licensee or a licensed waste broker specifically author Commitment to maintain records of receipt, transfer, and dispreceived and possessed under the license Commitment that license termination will be conducted in cor (NAC) 459.200.  Materials Control & Security	rized to possess the gauge or device. osal of all sealed sources and device mpliance with Nevada Administrativ	es
	(Formerly Increased Controls		
$\square$ S	the 10 CFR 37 and NUREG 2155 as guidance to complete the Submit all Policy and Procedures to the Nevada Radiation Corhttp://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr	trol Program	
2	nel Access Authorization: 10 CFR 37 Subpart B Submit the name and title of the Reviewing Official (RO) Develop, implement, maintain AND SUBMIT an Access Aut □ Commit to reviewing this program every 12 months, and m Commit to maintain a list of approved individuals with unesce Information per 10 CFR 37.23 □ Commit to maintaining these unescorted access lists for the	aintaining these records for three yearted access &/or access to Safeguar	ears :ds

☐ Physical Protection Requirement	ts during use: Subpar	t C	
		security program per 10 CFR 3	7.41
☐ Commit to reviewing the	he following every 12 r	nonths 10 CFR 37.55	
☐ Current security pla	n		
☐ Initial & refresher to	raining on the security	program, and	
☐ Implementation pro	cedures		
☐ Commit to developing	and maintaining written	procedures that document how	w the security plan will be
met	C		<b>J</b> 1
☐ Commit to performing	initial and refresher sec	curity training every 12 months	
		years after being superseded of	
☐ Current & previous		2 1	1
☐ Initial & refresher to		program, and	
☐ Implementation pro			
		y 12 months & maintain for 3 y	years per 10 CFR 37.45
		aining security zones per 10 C	
		s into the security zones per 10	
☐ Commit to a mainter			011(07/1)
		er 10 CFR 37.53 (if applicable)	
☐ Commit to Event Repo			
shipping Category 1 or 2 or □ Commit to maintaining	C License Verification S quantities to any other li the verifications for the	ystem (LVS) or contacting the censee per 10 CFR 37.71to 37, ree years nts to LLEA, RCP, and the NR	.79
Comments:			
	CERTIFICATI	ON	
The Applicant understands that all commapplication; if not applicable, DO NOT application, license fee and this checklist.			
CERTIFYING OFFICER —PRINTED NAME	TITLE	SIGNATURE	DATE