Requirements	Design Description	Inspections, Tests, Analysis	Acceptance Criteria	ITAAC
		the barrier in the event of its penetration or attempted penetration.		
73.55(c)(4) Detection of penetration or attempted penetration of the protected area or the isolation zone adjacent to the protected area barrier shall assure that adequate response by the security organization can be initiated.	Intrusion detection system detects penetration or attempted penetration of the Protected Area (PA) Barrier.	Tests and Inspections of the protected area (PA) intrusion detection system will be performed to verify system is installed as designed and penetration or attempted penetration of the protected area barrier is detected and that subsequent alarms annunciate in both the Central Alarm Station (CAS) and Secondary Alarm Station (SAS).	A report exists and concludes that the intrusion detection system detects penetration or attempted penetration of the PA barrier and that subsequent alarms annunciate in the CAS and SAS.	4
73.55(c)(5) Isolation zones and all exterior areas within the protected area shall be provided with illumination sufficient for the monitoring and observation requirements of paragraphs (c)(3), (c)(4), and (h)(4) of this section, but not less than 0.2 footcandle measured horizontally at ground level.	All exterior areas within the protected area are illuminated.	Inspection of the illumination in the isolation zones of the PA and all external areas within the PA is not less than 0.2 footcandle measured horizontally at ground level.	A report exists and concludes that illumination in isolation zones and all exterior areas within the protected area is not less than 0.2 footcandle measured horizontally at ground level.	5
73.55(c)(6) The walls, doors, ceiling, floor, and any windows in the walls and in the doors of the reactor control room shall be bullet-resisting.	The external walls, doors, ceiling and floors in the main control room, central alarm station, and the last access control function for access to the protected area are bullet resistant.	Type test, analysis or a combination of type test and analysis of the systems of the external walls, doors, ceilings, floors, and any windows in the walls in the main control room, central alarm station, secondary alarm station, and the	A report exists and concludes that the bullet resistance features for the reactor control room, the central alarm station, secondary alarm station, and the location within which the last access control function for access to the protected area are installed as designed.	6

Requirements	Design Description	Inspections, Tests, Analysis	Acceptance Criteria	ITAAC
73.55(d) Access Requirements. (1) The licensee shall control all points of personnel and vehicle access into a protected area. Identification and search of all individuals unless otherwise provided in this section must be made and authorization must be checked at these points. The search function for detection of firearms, explosives, and incendiary devices must be accomplished through the use of both firearms and explosive detection equipment capable of detecting those devices.	(i) Control personnel and vehicle access points into protected area. (ii) Firearms, explosives, and incendiary devices detection equipment capable of detection.	A test of the installed systems and equipment will be performed to verify that: (i) All personnel and vehicle access into the protected area is controlled. (ii) Detection equipment is capable of detecting explosives, incendiary devices, and firearms.	A report exists and concludes that: (i) All access points for the PA are configured as designed. (ii) Equipment used for detection of firearms, incendiary devices, and explosives at the protected area access points function as intended in their design.	**8**
73.55(d)(5)(i) A numbered picture badge identification system must be used for all individuals who are authorized access to protected areas without escort.	Test the numbered picture badge identification system.	A test of the numbered picture badge identification system is performed to verify that unescorted access to protected areas is granted only to personnel possessing a numbered picture badge.	A report exists and concludes that a numbered picture badge identification system is used for authorized access to protected areas without escort and functions as designed, allowing only those access who are required.	**9**
73.55(d)(7) The licensee shall: (D) Lock and protect by an activated intrusion alarm system all unoccupied vital areas.	Unoccupied vital areas equipped with locks can be locked and alarmed with activated intrusion detection systems that annunciate in the Central and Secondary Alarm Stations upon intrusion into a vital area.	A test, inspection, or a combination of tests or inspections to verify that unoccupied vital areas are locked and that intrusion will be detected and annunciated in both the CAS and SAS.	A report exists and concludes that unoccupied vital areas are locked and that intrusion will be detected and annunciated in both the CAS and SAS.	**10**
73.55(e)(1) Detection aids. All alarms required pursuant to this part must annunciate in a continuously manned central alarm station located within the protected area and in at least one other continuously manned station not necessarily onsite, so that a single act cannot remove the capability of calling for assistance or otherwise responding to an alarm. The onsite central alarm station must be considered a vital area and its	Alarm annunciation occurs in the central alarm station and in at least one other continuously manned station not necessarily onsite.	Type test, analysis or a combination of type test and analysis of the installed systems will be performed to ensure that all alarms annunciate in the central alarm station and in at least one other continuously	A report exists and concludes that all alarms annunciate in a continuously manned central alarm station located within the protected area and in at least one other continuously manned station.	**11**