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Mr. Donnie H. Grimsley
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

FREEDOM OF INFORMATION
ACT REQUEST

FOIA-90-433
Rec'd 9-25-90

RE: Freedom of Information Act Request

Dear Mr. Grimsley:

Pursuant to the Freedom of Information Act, I hereby request copies of the following described documents:

The standards or written description of the medical examination and the physical fitness exercise program developed for security guards, referred to in 10 C.F.R. 73 Appendix B Section I (C), a copy of which is attached.

The standards or written description of the medical examination should show what physical aspects are examined, and what conditions disqualify an applicant from employment as a security guard. The standards or description of the physical fitness program should show what activities must be performed, and what the minimum performance requirements are for security guard positions.

Thank you for your assistance.

Yours very truly,

Kevin W Kern

KWK/sg

Enclosure

1ST ITEM of Level 1 printed in FULL format.
Title 10--Energy; Revised as of January 1, 1989

CHAPTER I--NUCLEAR REGULATORY COMMISSION
PART 73--PHYSICAL PROTECTION OF PLANTS AND MATERIALS
ENFORCEMENT

@ 73. Appendix B

10 CFR 73. Appendix B

Appendix B--General Criteria for Security Personnel

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Introduction

Pursuant to the provisions of §§ 73.50 and 73.55 of 10 CFR Part 73, Requirements for Physical Protection of Plants and Materials, each licensee is authorized to conduct certain activities with specified quantities of special nuclear material pursuant to 10 CFR Part 70 and each licensee who is authorized to operate a production or utilization facility pursuant to 10 CFR Part 50, respectively, is required to establish a security organization, including trained and equipped guards to physically protect special nuclear material in their possession and their facilities against theft and radiologic sabotage.

Further, pursuant to the provisions of §§ 73.70 through 73.76 of 10 CFR Part 73, certain shipments of special nuclear material are required to be escorted by armed escorts.

Security personnel who are responsible for the protection of special nuclear material onsite and in transit and for the protection of the shipment vehicle against radiological sabotage should, like other elements of the physical security system, be required to meet minimum criteria to assure that they will effectively perform their assigned security related job duties. In order to assure that those individuals responsible for security are properly equipped and qualified to execute the job duties prescribed for them, the NRC has developed general criteria which specifies security personnel qualification requirements.

These general criteria establish requirements for the selection, training, equipping, testing, and qualification of individuals who will be responsible for protecting special nuclear materials, nuclear facilities, and nuclear shipments.

These criteria are in Parts 50, 70, and 73 of this chapter and are also included in this appendix.

Criteria

1. Employment suitability and qualification.

A. Suitability: 1. Prior to employment, or assignment to the security organization, an individual shall meet the following suitability criteria:

a. Educational development -- Possess a high school diploma or pass an equivalent performance examination designed to measure basic job-related mathematical, language, and reasoning skills, ability, and knowledge, required to perform security job duties.

b. Felony convictions -- Have no felony convictions involving the use of a weapon and no felony convictions that reflect on the individual's reliability.

2. Prior to employment or assignment to the security organization in an armed capacity, the individual, in addition to (a) and (b) above, must be 21

years of age or older.

B. Physical and mental qualifications. 1. Physical qualifications:

a. Individuals whose security tasks and job duties are directly associated with the effective implementation of the licensee physical security and contingency plans shall have no physical weaknesses or abnormalities that would adversely affect their performance of assigned security job duties.

b. In addition to a. above, guards, armed response personnel, armed and central alarm station operators shall successfully pass a physical examination administered by a licensed physician. The examination shall be designed to measure the individual's physical ability to perform assigned security job duties as identified in the licensee physical security and contingency plans. Armed personnel shall meet the following additional requirements:

(1) Vision: (a) For each individual, distant visual acuity in each eye shall be correctable to 20/30 (Snellen or equivalent) in the better eye and 20/40 in the other eye with eyeglasses or contact lenses. If uncorrected distance vision is not at least 20/40 in the better eye, the individual shall carry an adequate pair of corrective lenses. Near visual acuity, corrected or uncorrected, shall be at least 20/40 in the better eye. Field of vision must be at least 70 degrees horizontal meridian in each eye. The ability to distinguish red, green and yellow colors is required. Loss of vision in one eye is disqualifying. Glaucoma shall be disqualifying, unless controlled by acceptable medical or surgical means, provided such medications as may be used for controlling glaucoma do not cause undesirable side effects which adversely affect the individual's ability to perform assigned security job duties, and provided visual acuity and field of vision requirements stated above are met. The use of a hearing aid shall be used for individuals who exhibit a mild color vision deficiency.

(b) If corrective eyeglasses are required, they shall be of the contact lens type.

(c) The use of corrective eyeglasses or contact lenses shall not decrease the individual's ability to effectively perform assigned security job duties during normal or emergency operations.

(2) Hearing: (a) Individuals shall have no hearing loss in the better ear greater than 30 decibels average at 500 Hz, 1,000 Hz, and 2,000 Hz, with no greater than 40 decibels at any one frequency (by ISO 389 "Standard Reference Zero for the Calibration of Pur-tone Audiometer" (1975) or ANSI S3.5 -- (1967, 1973) "Specifications for Audiometers").

(b) A hearing aid is acceptable provided suitable testing procedures demonstrate auditory acuity equivalent to the above stated requirement.

(c) The use of a hearing aid shall not decrease the effective performance of the individual's assigned security job duties during normal or emergency operations.

(3) Diseases -- Individuals shall have no established medical history or medical diagnosis of epilepsy or diabetes, or, where such a condition exists the individual shall provide medical evidence that the condition can be

controlled with proper medication so that the individual will not lapse into coma or unconscious state while performing assigned security job duties.

(4) Addiction-Individuals shall have no established medical history or medical diagnosis of habitual alcoholism or drug addiction, or, where such a condition has existed, the individual shall provide certified documentation having completed a rehabilitation program which would give a reasonable degree of confidence that the individual would be capable of performing assigned security job duties.

(5) Other physical requirements -- An individual who has been incapacitated due to a serious illness, injury, disease, or operation, which could interfere with the effective performance of assigned security job duties shall, upon resumption of such duties, provide medical evidence of recovery and ability to perform such security job duties.

2. Mental qualifications: a. Individuals whose security tasks and duties are directly associated with the effective implementation of the physical security and contingency plans shall demonstrate mental alertness, the capability to exercise good judgment, implement instructions, ascertain assigned security tasks, and possess the acuity of senses and ability of expression sufficient to permit accurate communication by written, spoken, audible, visible, or other signals required by assigned job duties.

b. Armed individuals, and central alarm station operators, in addition to meeting the requirements stated in paragraph a. above, shall have no emotional instability that would interfere with the effective performance of assigned security job duties. The determination shall be made by a licensed psychologist, or psychiatrist, or physician, or other person professionally trained to identify emotional instability.

The licensee shall arrange for continued observation of each individual, and for appropriate corrective measures by responsible authority, of individuals of emotional instability of individuals performing assigned security job duties. Identification of emotional instability of individuals performing such duties shall be subject to verification by a licensed physician.

3. Medical examinations and physical fitness qualifications -- Guards, armed response personnel, armed escorts and other armed security force members shall be given a medical examination including a determination and written certification by a licensed physician that there are no medical contraindications as disclosed by the medical examination to participation in the individual in physical fitness tests. Subsequent to this medical examination, guards, armed response personnel, armed escorts and other armed security force members shall demonstrate physical fitness for assigned security job duties by performing a practical physical exercise program within a specific time period. The exercise program performance objectives shall be described in the licensee training and qualifications plan and shall consider job-related functions such as strenuous activity, physical exertion, levels of stress, and exposure to the elements as they pertain to each individual's assigned security job duties for both normal and emergency operations. The physical fitness qualification of each guard, armed response person, armed escort, and other security force member shall be documented and attested to by a licensee security supervisor. The licensee shall retain this documentation as a record for

three years from the date of each qualification.

D. Contract security personnel -- Contract security personnel shall be required to meet the suitability, physical, and mental requirements as appropriate to their assigned security job duties in accordance with section of this appendix.

E. Physical requalification -- At least every 12 months, central alarm station operators shall be required to meet the physical requirements of B.1 of this section, and guards, armed response personnel, and armed escorts shall be required to meet the physical requirements of paragraphs B.1.b (1) and (2) and C of this section. The licensee shall document each individual's physical requalification and shall retain this documentation of requalification as a record for three years from the date of each requalification.

F. Documentation -- The results of suitability, physical, and mental qualifications and test results must be documented by the licensee or licensed agent. The licensee or the agent shall retain this documentation as a record for three years from the date of obtaining and recording these results.

G. Nothing herein authorizes or requires a licensee to investigate into, judge the reading habits, political or religious beliefs, or attitudes on social, economic, or political issues of any person. II. Training and qualifications.

A. Training requirements -- Each individual who requires training to perform assigned security-related job tasks or job duties as identified in the licensee physical security or contingency plans shall, prior to assignment, be trained to perform those tasks and duties in accordance with the licensee or the licensee agent's documented training and qualifications plan. The licensee or the licensee agent shall maintain a copy of the current plan and retain this documentation of the plan as a record for three years after the close of period for which the licensee possesses special nuclear material under each license, and superseded material for three years after each change.

B. Qualification requirements -- Each person who performs security-related job tasks or job duties required to implement the licensee physical security or contingency plan shall, prior to being assigned to these tasks or duties, be qualified in accordance with the licensee's NRC-approved training and qualifications plan. The qualifications of each individual must be documented and attested to a licensee security supervisor. The licensee shall retain this documentation of each individual's qualifications as a record for three years after the employee ends employment in the security-related capacity and for three years after the close of period for which the licensee possesses special nuclear material under each license, and superseded material for three years after each change.

C. Contract personnel -- Contract personnel shall be trained, equipped, and qualified as appropriate to their assigned security-related job tasks or job duties, in accordance with sections II, III, IV, and V of this appendix. The qualifications of each individual must be documented and attested to a licensee security supervisor. The licensee shall retain this documentation of each individual's qualifications as a record for three years after the employee's employment in the security-related capacity and for three years after the