# Additional Security Measures for Access Authorization and Fingerprinting at Independent Spent Fuel Storage Installations

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Enclosure 2

## Additional Security Measures for Access Authorization and Fingerprinting at Independent Spent Fuel Storage Installations

A. General Basis Criteria

1. These additional security measures (ASMs) are established to delineate an independent spent fuel storage installation (ISFSI) licensee's responsibility to enhance security measures related to authorization for unescorted access to the protected area of an ISFSI in response to the current threat environment.

2. Licensees whose ISFSI is collocated with a power reactor may choose to comply with the NRC-approved reactor access authorization program for the associated reactor as an alternative means to satisfy the provisions of sections B through G below. Otherwise, licensees shall comply with the access authorization and fingerprinting requirements of section B through G of these ASMs.

3. Licensees shall clearly distinguish in their 20-day response which method they intend to use in order to comply with these ASMs.

B. Additional Security Measures for Access Authorization Program

1. The licensee shall develop, implement and maintain a program, or enhance their existing program, designed to ensure that persons granted unescorted access to the protected area of an ISFSI are trustworthy and reliable and do not constitute an unreasonable risk to the public health and safety or the common defense and security, including a potential to commit radiological sabotage.

   a. To establish trustworthiness and reliability, the licensee shall develop, implement, and maintain procedures for conducting and completing background investigations, prior to granting access. The scope of background investigations must address at least the past 3 years and, as a minimum, must include:

      i. Fingerprinting and a Federal Bureau of Investigation (FBI) identification and criminal history record check (CHRC). Where an applicant for unescorted access has been previously fingerprinted with a favorably completed CHRC, (such as a CHRC pursuant to compliance with orders for access to safeguards information) the licensee may accept the results of that CHRC, and need not submit another set of fingerprints, provided the CHRC was completed not more than 3 years from the date of the application for unescorted access.

      ii. Verification of employment with each previous employer for the most recent year from the date of application.

      iii. Verification of employment with an employer of the longest duration during any calendar month for the remaining next most recent two years.

      iv. A full credit history review.

      v. An interview with not less than two character references, developed by the investigator.

vi. A review of official identification (e.g., driver's license, passport, government identification, state, province or country of birth issued certificate of birth) to allow comparison of personal information data provided by the applicant. The licensee shall maintain a photocopy of the identifying document(s) on file, in accordance with “Protection of Information,” Section G of these ASMs.

vii. Licensees shall confirm eligibility for employment through the regulations of the U.S. Department of Homeland Security, U.S. Citizenship and Immigration Services (USCIS), and shall verify and ensure to the extent possible, the accuracy of the provided social security number and alien registration number as applicable.

b. The procedures developed or enhanced shall include measures for confirming the term, duration, and character of military service, and academic enrollment and attendance in lieu of employment, for the past 3 and 5 years respectively.

c. Licensees need not conduct an independent investigation for individuals employed at a facility who possess active “Q” or “L” clearances or possess another active U.S. Government granted security clearance, i.e., Top Secret, Secret or Confidential.

d. A review of the applicant's criminal history, obtained from local criminal justice resources, may be included in addition to the FBI CHRC, and is encouraged if the results of the FBI CHRC, employment check, or credit check disclose derogatory information. The scope of the applicant’s local criminal history check shall cover all residences of record for the past 3 years from the date of the application for unescorted access...

2. The licensee shall use any information obtained as part of a CHRC solely for the purpose of determining an individual's suitability for unescorted access to the protected area of an ISFSI.

3. The licensee shall document the basis for its determination for granting or denying access to the protected area of an ISFSI.

4. The licensee shall develop, implement, and maintain procedures for updating background investigations for persons who are applying for reinstatement of unescorted access. Licensees need not conduct an independent reinvestigation for individuals who possess active “Q” or “L” clearances or possess another active U.S. Government granted security clearance, i.e., Top Secret, Secret or Confidential.

5. The licensee shall develop, implement, and maintain procedures for reinvestigations of persons granted unescorted access, at intervals not to exceed 5 years. Licensees need not conduct an independent reinvestigation for individuals employed at a facility who possess active “Q” or “L” clearances or possess another active U.S. Government granted security clearance, i.e., Top Secret, Secret or Confidential.

6. The licensee shall develop, implement, and maintain procedures designed to ensure that persons who have been denied unescorted access authorization to the facility are not allowed access to the facility, even under escort.

7. The licensee shall develop, implement, and maintain an audit program for licensee and contractor/vendor access authorization programs that evaluate all program elements and include a person knowledgeable and practiced in access authorization program performance objectives to assist in the overall assessment of the site's program effectiveness.

C. Fingerprinting Program Requirements

1. In a letter to the NRC, the licensee must nominate an individual who will review the results of the FBI CHRCs to make trustworthiness and reliability determinations for unescorted access to an ISFSI. This individual, referred to as the "reviewing official," must be someone who requires unescorted access to the ISFSI. The NRC will review the CHRC of any individual nominated to perform the reviewing official function. Based on the results of the CHRC, the NRC staff will determine whether this individual may have access. If the NRC determines that the nominee may not be granted such access, that individual will be prohibited from obtaining access. Once the NRC approves a reviewing official, the reviewing official is the only individual permitted to make access determinations for other individuals who have been identified by the licensee as having the need for unescorted access to the ISFSI, and have been fingerprinted and have had a CHRC in accordance with these ASMs. The reviewing official can only make access determinations for other individuals, and therefore cannot approve other individuals to act as reviewing officials. Only the NRC can approve a reviewing official. Therefore, if the licensee wishes to have a new or additional reviewing official, the NRC must approve that individual before he or she can act in the capacity of a reviewing official.

2. No person may have access to SGI or unescorted access to any facility subject to NRC regulation if the NRC has determined, in accordance with its administrative review process based on fingerprinting and an FBI identification and CHRC, that the person may not have access to SGI or unescorted access to any facility subject to NRC regulation.

3. All fingerprints obtained by the licensee pursuant to this Order must be submitted to the Commission for transmission to the FBI.

4. The licensee shall notify each affected individual that the fingerprints will be used to conduct a review of his/her criminal history record and inform the individual of the procedures for revising the record or including an explanation in the record, as specified in the "Right to Correct and Complete Information" in section F of these ASMs.

5. Fingerprints need not be taken if the employed individual (e.g., a licensee employee, contractor, manufacturer, or supplier) is relieved from the fingerprinting requirement by 10 CFR 73.61, has a favorably adjudicated U.S. Government CHRC within the last five (5) years, or has an active federal security clearance. Written confirmation from the Agency/employer who granted the federal security clearance or reviewed the CHRC must be provided to the licensee. The licensee must retain this documentation for a period of three (3) years from the date the individual no longer requires access to the facility.

D. Prohibitions

1. A licensee shall not base a final determination to deny an individual unescorted access to the protected area of an ISFSI solely on the basis of information received from the FBI involving: an arrest more than one (1) year old for which there is no information of the

disposition of the case, or an arrest that resulted in dismissal of the charge or an acquittal.

2. A licensee shall not use information received from a CHRC obtained pursuant to this Order in a manner that would infringe upon the rights of any individual under the First Amendment to the Constitution of the United States, nor shall the licensee use the information in any way which would discriminate among individuals on the basis of race, religion, national origin, sex, or age.

E. Procedures for Processing Fingerprint Checks

1. For the purpose of complying with this Order, licensees shall, using an appropriate method listed in 10 CFR 73.4, submit to the NRC's Division of Facilities and Security, Mail Stop T-6E46, one completed, legible standard fingerprint card (Form FD-258, ORIMDNRCOOOZ) or, where practicable, other fingerprint records for each individual seeking unescorted access to an ISFSI, to the Director of the Division of Facilities and Security, marked for the attention of the Division's Criminal History Check Section. Copies of these forms may be obtained by writing the Office of Information Services, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, by calling (301) 415-5877, or by e-mail to forms@nrc.gov. Practicable alternative formats are set forth in 10 CFR 73.4. The licensee shall establish procedures to ensure that the quality of the fingerprints taken results in minimizing the rejection rate of fingerprint cards due to illegible or incomplete cards.

2. The NRC will review submitted fingerprint cards for completeness. Any Form FD-258 fingerprint record containing omissions or evident errors will be returned to the licensee for corrections. The fee for processing fingerprint checks includes one re-submission if the initial submission is returned by the FBI because the fingerprint impressions cannot be classified. The one free resubmission must have the FBI Transaction Control Number reflected on the re-submission. If additional submissions are necessary, they will be treated as initial submittals and will require a second payment of the processing fee.

3. Fees for processing fingerprint checks are due upon application. The licensee shall submit payment of the processing fees electronically. In order to be able to submit secure electronic payments, licensees will need to establish an account with Pay.Gov (https://www.pay.gov). To request an account, the licensee shall send an email to det@nrc.gov. The email must include the licensee’s company name, address, point of contact (POC), POC email address, and phone number. The NRC will forward the request to Pay.Gov; who will contact the licensee with a password and user ID. Once licensees have established an account and submitted payment to Pay.Gov, they shall obtain a receipt. The licensee shall submit the receipt from Pay.Gov to the NRC along with fingerprint cards. For additional guidance on making electronic payments, contact the Facilities Security Branch, Division of Facilities and Security, at (301) 415-7739. Combined payment for multiple applications is acceptable.

The application fee (currently $36) is the sum of the user fee charged by the FBI for each fingerprint card or other fingerprint record submitted by the NRC on behalf of a licensee, and an NRC processing fee, which covers administrative costs associated with NRC handling of licensee fingerprint submissions. The Commission will directly notify licensees who are subject to this regulation of any fee changes.

4. The Commission will forward to the submitting licensee all data received from the FBI as a result of the licensee's application(s) for criminal history records checks, including the FBI fingerprint record.

F. Right to Correct and Complete Information

1. Prior to any final adverse determination, the licensee shall make available to the individual the contents of any criminal history records obtained from the FBI for the purpose of assuring correct and complete information. Written confirmation by the individual of receipt of this notification must be maintained by the licensee for a period of one (1) year from the date of notification.

2. If, after reviewing the record, an individual believes that it is incorrect or incomplete in any respect and wishes to change, correct, or update the alleged deficiency, or to explain any matter in the record, the individual may initiate challenge procedures. These procedures include either direct application by the individual challenging the record to the agency (i.e., law enforcement agency) that contributed the questioned information, or direct challenge as to the accuracy or completeness of any entry on the criminal history record to the Assistant Director, Federal Bureau of Investigation Identification Division, Washington, DC 20537-9700 (as set forth in 28 CFR 16.30 through 16.34). In the latter case, the FBI forwards the challenge to the agency that submitted the data and requests that agency to verify or correct the challenged entry. Upon receipt of an official communication directly from the agency that contributed the original information, the FBI Identification Division makes any changes necessary in accordance with the information supplied by that agency. The licensee must provide at least ten (10) days for an individual to initiate an action challenging the results of a FBI CHRC after the record is made available for his/her review. The licensee may make a final access determination based upon the criminal history record only upon receipt of the FBI's ultimate confirmation or correction of the record. Upon a final adverse determination on access to an ISFSI, the licensee shall provide the individual its documented basis for denial. Access to an ISFSI shall not be granted to an individual during the review process.

G. Protection of Information

1. The licensee shall develop, implement, and maintain a system for personnel information management with appropriate procedures for the protection of personal, confidential information. This system shall be designed to prohibit unauthorized access to sensitive information and to prohibit modification of the information without authorization.

2. Each licensee who obtains a criminal history record on an individual pursuant to this Order shall establish and maintain a system of files and procedures, for protecting the record and the personal information from unauthorized disclosure.

3. The licensee may not disclose the record or personal information collected and maintained to persons other than the subject individual, his/her representative, or to those who have a need to access the information in performing assigned duties in the process of determining suitability for unescorted access to the protected area of an ISFSI. No individual authorized to have access to the information may re-disseminate the information to any other individual who does not have the appropriate need-to-know.

4. The personal information obtained on an individual from a criminal history record check may be transferred to another licensee if the gaining licensee receives the individual's written request to re-disseminate the information contained in his/her file, and the gaining licensee verifies information such as the individual's name, date of birth, social security number, sex, and other applicable physical characteristics for identification purposes.

5. The licensee shall make criminal history records, obtained under this section, available for examination by an authorized representative of the NRC to determine compliance with the regulations and laws.

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