

**Detroit Edison**



September 12, 2001  
NRC-01-0067

10CFR50.54(p)(2)

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

Reference: Fermi 2  
NRC Docket No. 50-341  
NRC License No. NPF-43

Subject: Submittal of Fermi 2 Physical Security Plan, Contingency  
Plan and Personnel Training and Qualification Plan Changes

The purpose of this letter is to submit revisions to the following plans, in accordance with 10CFR50.54(p)(2), the Fermi 2 Physical Security Plan (PSP), Revision 38, the Safeguards Contingency Plan (SCP), Revision 10, and the Security Personnel Training and Qualification Plan (SPT&QP), Revision 18.

The plan changes and a summary of each of the changes made in the PSP, SCP, and SPT&QP is provided. The enclosed PSP and SCP plan changes contain safeguards information. The enclosed SPT&QP plan changes do not contain safeguards information.

The changes made under these revisions do not decrease the overall effectiveness of the PSP, SCP and SPT&QP. Additionally, changes to the text are highlighted (shaded). Deleted text is not identified with markings.

If there are questions regarding this submittal, please contact Mr. Joseph H. Korte, Manager – Nuclear Security at (734) 586-1095.

Sincerely,

A handwritten signature in black ink, appearing to read 'NKP'.

Norman K. Peterson  
Manager - Nuclear Licensing

Handwritten initials 'KIESB' and the date '1/4' in black ink.

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Enclosures

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T. J. Kim	(w/o enclosures)
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USNRC Document Control Desk	(3 copies w/original)

**Fermi 2 Security Personnel Training and Qualification Plan**  
**Summary of Revision 18**  
Page 1

The changed text within the SPT&QP has been shaded. Deleted text is not marked.

Chapter 2 - Revision 18:

1. Changed the title Director, Nuclear Security to Manager – Nuclear Security, in **2.0, page 2-1.**

Figure 3-1 – Revision 18:

1. Changed the title Director, Nuclear Security to Manager – Nuclear Security.

**FERMI 2 SECURITY PERSONNEL TRAINING AND QUALIFICATION PLAN**  
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<b><u>FIGURE</u></b>	<b><u>TITLE</u></b>
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B	Critical Task Qualification Matrix.....Revision 17
C	Conditions and Standards.....Revision 17
D	Records Retention Matrix.....Revision 17
E	Semi-Automatic Handgun Qualification Course.....Revision 17
F	Shotgun Qualification Course.....Revision 17
G	Rifle Qualification Course.....Revision 17
H	9mm Carbine Qualification Course.....Revision 17

## **2.0 CHAPTER 2: DEFINITIONS AND ACRONYMS**

**Annual or Annually:** A time frame describing the period of performance for an action required to be accomplished by the last day of the twelfth month from the date the action was previously performed. Each training requirement shall be performed within the specified time interval with:

- 1). A maximum allowable extension not to exceed 25% of the training interval, but;
- 2). The combined time interval for any 3 consecutive training intervals shall not exceed 3.25 times the specified training interval.

**CAS:** Central Alarm Station - A continuously manned vital area which is constructed to bullet-resisting standards and functions as the primary location for the security system operations.

**CCTV:** Closed Circuit Television

**CR:** Control Room

**DECO:** Detroit Edison Company

**Fermi 2:** Fermi 2 Nuclear Power Plant

**General Supervisor, Security Operations:** The member of the Security Force responsible for site security and implementation of the Physical Security Plan.

**LLEA:** The local law enforcement agencies with whom DECO Security has agreements for assistance.

**MSF:** Member of the Security Force: Security Officers, Watchpersons or other DECO employees or contractors who are trained and qualified to perform security tasks and job duties which are directly associated with the effective implementation of the Fermi 2 Physical Security Plan.

**NRC:** U.S. Nuclear Regulatory Commission

**Nuclear Security Management:** The **Manager** – Nuclear Security or selected personnel designated by the **Manager** – Nuclear Security.

**Nuclear Security Organization:** Those personnel who directly or indirectly perform physical security management, operational or support requirements pursuant to the Physical Security Plan.

**Owner Controlled Area:** The area external and contiguous to the Protected Area which is owned by the Detroit Edison Company.

**Personnel Qualification Acronyms:**

CAS/SAS:	CAS/SAS Operator
GSSO:	General Supervisor Security Operations
RFL:	Response Force Leader
RFM:	Response Force Member
SSS:	Security Shift Supervisor
WP:	Watchperson

**Protected Area:** An area encompassed by physical barriers to which access is controlled.

**QRM:** Qualification Responsibility Matrix

**Radiological Sabotage:** Any deliberate act directed against the plant, component of the plant or transport into the Protected Area that could directly or indirectly endanger the public health or safety by exposure to radiation.

**Response Force:** Designated Security Officers whose duty is to provide initial response, follow-up response, or reinforcement for the purpose of neutralizing a security threat.

**SAS:** Secondary Alarm Station - An alarm station located in a continuously manned area onsite and equipped with redundant systems capability for the Central Alarm Station function.

**Security Force:** An onsite generic subentity of the Nuclear Security Organization directly responsible for providing security pursuant to the Physical Security Plan and the Safeguards Contingency Plan.

**Security Officer:** Are trained, uniformed licensee or contract employee(s) who are armed while performing duties involving the protection of special nuclear material against theft, protection of Fermi 2 against radiological sabotage or both.

**Security Shift Supervisor:** The member of the Security Force assigned to shift who, in accordance with 10CFR73.55, has the authority to direct the security activities of all members of the Security Force.

**SPT&QP:** Security Personnel Training and Qualification Plan.

**Vital Equipment:** Any plant equipment, system, or device the failure, destruction or release of which could endanger public health and safety by an exposure to radiation. Equipment or systems which would be required to function to protect health and safety following such failure or destruction are also considered vital equipment.

**Vital Island:** One or more vital area(s) protected as a single entity.

**Material Search Personnel:** Trained licensee or contract employee(s) from another site organization, who in addition to their normal job function, perform searches of material for contraband or unauthorized items prior to the material entering the protected area. Material search personnel are unarmed and not uniformed.

**Watchperson:** A trained, unarmed licensee or contract employee(s), not necessarily uniformed, who provide protection for Fermi 2 and the special nuclear material therein in the course of performing other duties.



**FIGURE 3-1  
CRITICAL TASK/ WRITTEN EXAMINATION MATRIX**

CRITICAL TASK EVALUATIONS:

<b>Evaluator</b>	<b>GSSO</b>	<b>SUP*</b>	<b>CAS/SAS</b>	<b>RFM</b>	<b>WP</b>
Manager – Nuclear Security or designate	X				
Security Operations Support Staff and GSSO		X	X	X	X
Security Shift Supervisor +			X	X	X
Response Force Leader			X	X	X

WRITTEN EXAMINATION:

<b>Evaluator</b>	<b>GSSO</b>	<b>SUP*</b>	<b>CAS/SAS</b>	<b>RFM</b>	<b>WP</b>
Manager – Nuclear Security or designate	X				
Security Operations Support Staff and GSSO		X	X	X	X
Security Shift Supervisor +			X	X	X
Response Force Leader			X	X	X

+ Includes members of the GSSO staff who are qualified as SSS.

\* SUP represents Security Shift Supervisor (SSS) and the Response Force Leader (RFL).

The SSS and the RFL can evaluate other SSS and RFL's on CAS/SAS, RFM, and WP written examination and critical tasks.

**X** Denotes what positions can be evaluated by the listed evaluator.