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**Alan J. Harris**  
Director, Nuclear Safety Assurance  
Waterford 3

**W3F1-2001-0057**  
**A4.05**  
**PR**

June 18, 2001

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555


Subject: Waterford 3 SES  
Docket No. 50-382  
License No. NPF-38  
Security Incident Report

Gentlemen:

Attached is Security Incident Report (SIR) 01-S01-00 for Waterford Steam Electric Station Unit 3. This report provides details of an unauthorized entry into the protected area. This condition is being reported pursuant to 10 CFR Part 73, Appendix G, Paragraph I(b).

This letter contains no commitments.

Very truly yours,

*for* 

A.J. Harris  
Director,  
Nuclear Safety Assurance

AJH/LAB/cbh  
Attachment

cc: E.W. Merschoff, (NRC Region IV), N. Kalyanam, (NRC-NRR),  
A.L. Garibaldi, lerevents@inpo.org - INPO Records Center,  
J. Smith, N.S. Reynolds, NRC Resident Inspectors Office,  
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*IE74*

<b>NRC FORM 366</b> (1-2001)	<b>U.S. NUCLEAR REGULATORY COMMISSION</b>	<b>APPROVED BY OMB NO. 3150-0104 EXPIRES 6-30-2001</b> Estimated burden per response to comply with this mandatory information collection request: 50 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to <a href="mailto:bjsl@nrc.gov">bjsl@nrc.gov</a> , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202 (3150-0104), Office of Management and Budget, Washington, DC 20503. If a means used to impose information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.
<b>LICENSEE EVENT REPORT (LER)</b> (See reverse for required number of digits/characters for each block)		

<b>FACILITY NAME (1)</b> <b>Waterford Steam Electric Station, Unit 3</b>	<b>DOCKET NUMBER (2)</b> <b>05000-382</b>	<b>PAGE (3)</b> <b>1 OF 6</b>
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**TITLE (4)**  
**Unauthorized Entry into the Protected Area**

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MO	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO	MO	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
05	17	2001	01	S01	00	06	18	2001	N/A	05000
									N/A	05000

<b>OPERATING MODE (9)</b>	1	<b>THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply) (11)</b>								
		20.2201(b)		20.2203(a)(3)(ii)		50.73(a)(2)(ii)(B)		50.73(a)(2)(ix)(A)		
<b>POWER LEVEL (10)</b>	100	20.2201(d)		20.2203(a)(4)		50.73(a)(2)(iii)		50.73(a)(2)(x)		
		20.2203(a)(1)		50.36(c)(1)(i)(A)		50.73(a)(2)(iv)(A)	X	73.71(a)(4)		
		20.2203(a)(2)(i)		50.36(c)(1)(ii)(A)		50.73(a)(2)(v)(A)		73.71(a)(5)		
		20.2203(a)(2)(ii)		50.36(c)(2)		50.73(a)(2)(v)(B)		OTHER		
		20.2203(a)(2)(iii)		50.46(a)(3)(ii)		50.73(a)(2)(v)(C)		Specify in Abstract below or in NRC Form 366A		
		20.2203(a)(2)(iv)		50.73(a)(2)(i)(A)		50.73(a)(2)(v)(D)				
		20.2203(a)(2)(v)		50.73(a)(2)(i)(B)		50.73(a)(2)(vii)				
		20.2203(a)(2)(vi)		50.73(a)(2)(i)(C)		50.73(a)(2)(viii)(A)				
		20.2203(a)(3)(i)		50.73(a)(2)(ii)(A)		50.73(a)(2)(viii)(B)				

**LICENSEE CONTACT FOR THIS LER (12)**

<b>NAME</b> <b>Lisa Borel / Sr. Licensing Engineer</b>	<b>TELEPHONE NUMBER (Include Area Code)</b> <b>(504) 739-6403</b>
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**COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)**

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX

<b>SUPPLEMENTAL REPORT EXPECTED (14)</b>				<b>EXPECTED SUBMISSION DATE (15)</b>		
<b>YES (If yes, complete EXPECTED SUBMISSION DATE).</b>	X	NO				

**ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)**

On May 17, 2001 at approximately 0535 hours, an individual made an unauthorized entry into the protected area by passing through the intrusion detection system and climbing over the protected area fence. The Central Alarm Station operators observed the individual and an alert was sounded. Security officers responded immediately. The individual proceeded across the service yard area through a gate and came to a stop at a delay barrier fence. A security officer commanded the individual to stop and lay on the ground and he complied. The individual was detained and handcuffed and removed from the protected area. The individual and the areas through which he passed were searched and no contraband or weapons were found. The unauthorized entry triggered the criteria for declaring an Unusual Event. Security personnel responded as trained and the actions taken allowed no entry into plant vital areas or the power block. No safety systems were affected or threatened.

**LICENSEE EVENT REPORT (LER)**

FACILITY NAME (1)	DOCKET (2)	LER NUMBER (6)			PAGE (3)	
Waterford Steam Electric Station, Unit 3	05000-382	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	2	OF 6
		01	-- S01	-- 00		

NARRATIVE (if more space is required, use additional copies of NRC Form 366A) (17)

**REPORTABLE OCCURRENCE**

On May 17, 2001 at approximately 0535 hours, an individual passed through the intrusion detection system and climbed over the protected area fence at perimeter zone #14. This event is being reported pursuant to 10 CFR Part 73, Appendix G, Paragraph I(b) as an actual entry of an unauthorized person into a protected area. On May 17, 2001, a one-hour notification was made for declaration of an Unusual Event in accordance with 10CFR50.72(a)(i) and 10CFR73.71(b)(1).

**INITIAL CONDITIONS**

At the time this condition was identified, Waterford 3 was operating in Mode 1 at approximately 100% power. No structures, systems or components were out of service that contributed to this event.

**EVENT DESCRIPTION**

On May 17, 2001 at approximately 0535 hours, the Secondary Alarm Station (SAS) operator, while viewing the closed circuit television system, observed a white male walking back and forth on the outside of the fence near perimeter zone #14. As the SAS operator was calling this to the attention of the lead Central Alarm Station (CAS) operator, the man passed through the intrusion detection system and climbed over the protected area fence located at perimeter zone #14. The CAS Lead operator immediately sounded the Alert Tone signaling a security contingency event and announced over the Security radio frequency that there was an unauthorized white male in the protected area and the subject was moving toward gate #3. The SAS operator made an announcement over the paging system instructing the individual to stop and plant personnel to remain inside and take cover. The CAS operator notified Local Law Enforcement Agencies of the incident by telephone and requested their assistance. The Wackenhut Corporation Security response personnel responded to their assigned positions in relation to the identified threat.

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		<b>01</b>	<b>-- S01</b>	<b>-- 00</b>		

NARRATIVE (If more space is required, use additional copies of NRC Form 366A) (17)

The individual ran through gate #3 and turned right proceeding toward the west side of the plant between the water treatment building and the radwaste compactor building until he reached the delay barrier fence line between the two buildings and stopped. A Security responder had the individual in sight from his position and shouted commands to the individual to stop and lay down on the ground. The individual complied with the Officer's commands and laid on the ground.

Security officers responded and apprehended the individual where he was stopped. The individual was taken into Security custody at approximately 0541 hours. The individual and the areas in which he had been observed were searched for contraband and weapons with negative results. The individual was taken out of the protected area and held in the Security Administration Building until arrival of local law enforcement.

At approximately 0556, the individual was turned over to Local Law Enforcement Officials. Subsequent investigation revealed that the individual was a truck driver scheduled to make a delivery of empty 55 gallon drums to a chemical plant located about one-half mile from Waterford 3. The individual had parked his truck by the Waterford 1 & 2 fossil plants located just west of the Waterford 3 plant. The truck was subsequently searched by local law enforcement and Federal Bureau of Investigation (FBI) officials for possible contraband with negative results. At approximately 0700, the individual was transported to the St. Charles Parish Jail where he was charged with trespassing and scheduled to undergo a psychiatric evaluation. A background investigation determined that the individual had a history of mental illness and was being treated with medication.

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**NARRATIVE** (If more space is required, use additional copies of NRC Form 366A) (17)

**Event Chronology:**

- 0535: White male observed walking around perimeter zone #14. White male passed through the intrusion detection system and climbs over the protected area fence at perimeter zone #14.
- 0536: CAS sounds the Alert Tone and announces unauthorized white male in the protected area. Response personnel assume designated positions.
- 0537: White male runs across the service yard and through gate #3, moves right and runs between the water treatment building and the old radwaste building. Security responder challenges individual when he reaches the delay barrier fencing. Security Officer commands individual to stop and get on the ground. Individual complies with the Officer's commands.
- 0537: Local law enforcement agencies notified of incident and need for assistance.
- 0540: Security personnel in the Security Office notified by an officer in the Primary Access Point that the Alert Tone had been sounded and a unauthorized individual was in the protected area.
- 0541: Security officers respond to the area and apprehend the individual.
- 0543: Individual is searched for weapons or contraband with negative results. Individual is handcuffed.
- 0545: Individual is removed from the protected area and taken to the Security Administration area to await arrival of local law enforcement agencies.
- 0545: Security officers begin area search. Search is completed at approximately 0600 hours with negative results.
- 0556: Individual is turned over to local law enforcement for questioning. A truck identified by the individual as belonging to him is located near Waterford 1 & 2 fossil units. Local law enforcement personnel searched the truck for contraband with negative results.

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NARRATIVE (If more space is required, use additional copies of NRC Form 366A) (17)

0700: Individual is removed from site and transported to St. Charles Parish Jail

**CAUSAL FACTORS**

It is the belief of the agencies involved that the individual's actions were related to his mental condition and that he did not pose a credible threat to the Nuclear Plant. This was an isolated incident perpetrated by an individual that suffers from a mental illness. There was no attempt by the individual to do harm to the plant or personnel at Waterford 3.

**CORRECTIVE ACTIONS**

The Security personnel responded to the contingency as trained under the Security Defensive Strategy. Actions taken allowed for the unauthorized individual to be apprehended before he could reach the nuclear island.

Immediate actions taken:

1. Personnel responded to contingency positions.
2. The individual was apprehended prior to reaching the Nuclear Island.
3. The individual was searched for contraband and weapons with negative results.
4. Areas from the truck to perimeter zone #14 and to the location of apprehension were searched with negative results.
5. Notifications were made to Local Law Enforcement Authorities, the FBI, and the NRC Staff.
6. The individual was turned over to local law enforcement and removed from the site.

There are no corrective actions required to prevent recurrence relating to the incident. The Security Defensive Strategy and Contingency Response Plan worked as designed.

**LICENSEE EVENT REPORT (LER)**

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NARRATIVE (If more space is required, use additional copies of NRC Form 366A) (17)

**SAFETY SIGNIFICANCE**

The Security personnel responded to the contingency as trained under the Security Defensive Strategy and the unauthorized individual was promptly apprehended before he could reach the nuclear island. No safety systems were affected or threatened. The health or safety of the public was not jeopardized.

This event is not considered a Safety System Functional Failure (SSFF).

**SIMILAR EVENTS**

A review of Security Incident Reports dating back to 1989 was performed. No previous similar events involving unauthorized entry into the protected area were identified.

**ADDITIONAL INFORMATION**

The local media was advised of the incident and several local television stations and newspapers covered it.