

February 13, 1998

EA 98-057

Carolina Power and Light Company
ATTN: Mr. C. S. Hinnant
Vice President
Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461

SUBJECT: NRC INSPECTION REPORT NOS. 50-325/97-1 AND 50-324/97-12

Dear Mr. Hinnant:

Thank you for your response of January 7, 1998, to our Notice of Violation issued on December 8, 1997, concerning activities conducted at your Brunswick facility. We have examined your response and found that it meets the requirements of 10 CFR 2.201.

In your response, you admitted Violations A-D and denied Violation E.

After careful consideration of the basis for your denial of Violation E, we have concluded, for the reasons presented in the enclosure to this letter, that the violation occurred as stated in the Notice of Violation. Therefore, in accordance with 10 CFR 2.201(a), please submit to this office within 30 days of the date of this letter a written statement describing steps which have been taken to correct Violation E and the results achieved, corrective steps which will be taken to avoid further violations, and the date when full compliance will be achieved.

We will examine the implementation of your actions to correct Violations A-D during future inspections.

We appreciate your cooperation in this matter.

Sincerely,

(Original signed by B. Mallett)

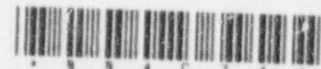
Bruce S. Mallett
Deputy Regional Administrator

Docket Nos. 50-325, 50-324
License Nos. DPR-71, DPR-62

Enclosure: Evaluations and Conclusions

cc w/encl: (See page 2)

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(cc w/encl cont'd - See page 3)

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Distribution w/encl:

- M. Shymlock, RII
- D. Trimble, NRR
- J. Lieberman, OE
- B. Summers, OE
- J. Coley, RII
- R. Aiello, RII
- J. Lenahan, RII
- E. Testa, RII
- D. Thompson, RII
- PUBLIC

NRC Resident Inspector
U. S. Nuclear Regulatory Commission
8470 River Road, SE
Southport, NC 28461

* See previous concurrence

Handwritten notes:
BSP: w/cha...
2/13/98
Dm 2/14/98

OFFICE	RTI:DRP	RTI:DRP	RTI:DRP	RTI:DRP	RTI:ETCS	RTI:DRP	RTI:DRP
SIGNATURE							
NAME	rEBrown	*Catterson	*GMacDonald	*MShymlock	*ABCland	*JJohnson	DThompson
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COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

(cc w/encl cont'd)
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OFFICE	RII:DRP	RII:DRP	RII:DRP	RII:DRP	RII:ETCS		
SIGNATURE						<i>JH</i>	<i>DLH</i>
NAME	*EBrown	*CPatterson	*GMacDonald	*MShymloc	*ABoland		
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COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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*Add J. Lieberman, OE
 B. Summers, OE*

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*By
 Alexander
 Rie OE
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* See previous concurrence

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SIGNATURE	*	*	*	<i>MS</i>	<i>MS</i>				
NAME	EBrown	CPatterson	GMacDonald	MShymlock	ARciand				
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COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

CP&L

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(cc w/encl cont'd)
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OFFICE	BIT/REP	BIT/REP	BIT/REP	BIT/REP										
BY DATE	2/8	2/10	2/10	2/10										
NAME	Edison	Chick Peterson	Chick Peterson	Abelard										
DATE	1/29	1/29	1/29	1/29	1/29	1/29	1/29	1/29	1/29	1/29	1/29	1/29	1/29	1/29
COPY	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

OFFICIAL RECORD COPY

EXCELLENT NAME: 6:UNR/CP&L/2917

EVALUATIONS AND CONCLUSION

On December 8, 1998, a Notice of Violation (Notice) was issued for five violations identified during a routine NRC inspection. Carolina Power & Light Company (CP&L) responded to the Notice on January 7, 1998. The licensee admitted Violations A-D, but denied Violation E on the bases that the established procedural controls, training, and qualifications of the security personnel monitoring the Central Access Point at the time of the events were adequate to detect unauthorized access into the protected area (PA). The NRC's evaluations and conclusion regarding the licensee's arguments are as follows:

Restatement of Violation

Technical Specification 6.8.1.d requires that written procedures shall be established, implemented, and maintained covering implementation of the Security Plan.

Physical Security Plan, Revision 1, August 1997, states that a Member of the Security Force (MSF) located within a bullet resistant structure is responsible for the final access control function.

Security Instruction, OSI-05 Security Post Duties, Responsibilities and Patrol Procedures, defines the responsibilities of the Access Control Person (ACP).

Contrary to the above, OSI-05 failed to adequately define those actions required for the ACP to control the final access function into the protected area to prevent unauthorized access. Specifically, no guidance existed for controlling a condition on October 3 and again on October 7, 1997 wherein the ACP failed to lock down the Protected Area turnstiles or remove the second individual from the area during a condition which could have allowed an unauthorized individual to gain access into the PA.

Summary of Licensee's Response to Violation E

The licensee contends that the procedural controls, training, and qualifications of the security personnel monitoring the Central Access Point (CAP) at the time of the events were adequate to detect unauthorized access into the protected area, and that the security personnel would have responded had an attempt been made. The licensee indicated that the procedures controlling the CAP adequately defined the Final Access Control (FAC) operator's responsibility in the event an unauthorized individual attempted to gain access. The licensee interviewed the responsible FAC operators, who attested that had an individual attempted to gain unauthorized access they would have locked the full-length turnstiles or requested response from other MSF. The licensee also credits training provided in November 1996 as addressing the locking of the full-length turnstile when two individuals were located between the half-length and full-length turnstiles.

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NRC Evaluation of Licensee's Response

The NRC staff has carefully reviewed the licensee's response and determined that the procedural requirements did not provide adequate guidance for the situation observed to prevent unauthorized access. Therefore, the written procedure, OSI-5 did not adequately implement this Security Plan access control function. The licensee's response did not provide any additional information that changed the significance or validity of the violation.

The licensee maintains that the procedures were adequate and the FAC operators acted in accordance with those procedures and training provided concerning this type situation. The NRC does agree that the personnel serving as FAC operators were qualified to man that station, that training describing this situation was provided in November 1996, and that OSI-05 discusses the responsibility of PA access control to the FAC operator. However, OSI-05 did not contain actions for the FAC operator to intervene when more than one individual was in the area between the full-length and the half-length turnstiles. In addition, the training provided was prior to the completion and site-wide utilization of the Central Access Point in August 1997 and did not address this situation for the different configuration of the new access building. Therefore, considering the failure to address the configuration change during training and by observations of the situation on October 3, and 7, 1997 the inspector determined the training provided and procedure were not adequate to address this event.

NRC's review of the subsequent licensee's root cause analysis, the procedure revised as a result of the situation identified, and the PNSC meeting notes, support a finding that the procedural controls and training at the time of the event were inadequate. The licensee's Root Cause Condition Report 97-3964, Plant Access Turnstile Area, dated January 6, 1998, for this event stated that "the one-half turnstiles were introduced to enhance access control; however, this process change was not formally documented in plant procedures, Security personnel instructions or site personnel training guides. Failure to update these documents prior to introducing the one-half turnstiles resulted in plant personnel not understanding management expectations." The corrective actions reviewed by the NRC do not support that the procedures or training were adequate. Corrective actions for this event included revision of the FAC operators lesson plan and additional training on that plan, revision to OSI-05, and an evaluation of the need to change the Initial/Retraining program to incorporate instructions for half-length turnstiles in the Central Access Building. A review of OSI-05 revised January 1998 added unauthorized access to those situations required for FAC operator action. Additionally, the Root Cause investigator when questioned by the Brunswick Plant Nuclear Safety Committee (PNSC) during the December 18, 1997 meeting stated, as recorded in the PNSC minutes, that the security guards actions were not "what they were supposed to have done-their training had not been adequate to have them control the situation in the right way."

Enclosure

The violation was issued based on inadequacies in a security procedure as evidenced by observed security personnel performance. The NRC is in agreement with the licensee that no attempt at unauthorized access was made by the individuals observed. The security force had the responsibility to determine the individuals authorization prior to the individuals gaining access to the facility, when confronted with two individuals inappropriately between the half-length turnstiles and the full-length turnstiles as required by Technical Specification 6.8.1 of the Security Plan. The NRC inspection observed that neither the applicable procedure nor the training on the procedure adequately addressed the actual situation where two individuals were between the turnstiles. Therefore, the NRC has determined that procedural controls were not adequate to implement the Security Plan when two individuals were in the area between the half-length and full-length turnstiles.

NRC Conclusion

For the above reasons, the NRC staff concludes that the violation occurred as stated.