

March 31, 1997

EA 97-120

Carolina Power & Light Company  
ATTN: Mr. W. R. Campbell  
Vice President  
Brunswick Steam Electric Plant  
P. O. Box 10429  
Southport, NC 28461

SUBJECT: NRC INTEGRATED INSPECTION REPORT NOS. 50-325/97-02, 50-324/97-02  
NOTICE OF VIOLATION

Dear Mr. Campbell:

On March 1, 1997, the NRC completed an inspection at your Brunswick reactor facility. The enclosed report presents the results of that inspection.

During the six weeks covered by this inspection period our inspectors found that your staff generally took a safety conscious approach to the activities conducted at the Brunswick plant. We are concerned, however, about six violations of NRC requirements that were identified. The first violation was for failure to follow an operating procedure for restoring an open valve to a locked closed position. This violation was of concern because independent verification failed to detect this error. The second violation was a maintenance rule violation for failure to adequately do a historical search of system surveillance testing. This violation was of concern because the reactor protection system circuit breakers were not properly classified and were being incorrectly monitored. The third violation was for failure to have adequate design control measures for design verification of configuration changes. This violation was of concern because design verification is required to be performed to insure that the design basis is properly translated into design output. The fourth violation was for failure to implement an inspection program for safety-related miscellaneous structural steel. This violation was of concern because the inspection requirements to ensure proper installation had been deleted. The fifth violation was for failure to take prompt corrective action once a discrepancy was identified for an Emergency Core Cooling System stroke time values. This violation was of concern because when this discrepancy was first identified no action was taken to correct plant procedures to indicate the correct stroke time values. The sixth violation was for failure to have chemicals identified as required by quality assurance requirements. This violation was a concern because of the programmatic problems identified.

The violations are cited in the enclosed Notice of Violation and the circumstances surrounding the violations are described in detail in the enclosed report. Please note that you are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. The NRC will use your response, in part, to

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determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be placed in the NRC Public Document Room (PDR).

Sincerely,

**Original signed by M. B. Shymlock**

Milton B. Shymlock, Chief  
Reactor Projects Branch 4  
Division of Reactor Projects

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

Enclosures: 1. Notice of Violation  
2. NRC Inspection Report

cc w/encls:  
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Manager - Regulatory Affairs  
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(cc w/encls cont'd - See page 3)

(cc w/encls cont'd)  
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Brunswick County Board of  
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NRC Resident Inspector  
 U.S. Nuclear Regulatory Commission  
 8470 River Road, SE  
 Southport, NC 28461

\*(See previous concurrence)

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COPY?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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DATE	03 / / 97	03 / 31 / 97	03 / 31 / 97	03 / / 97	03 / / 97	03 / / 97
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