

RELATED CORRESPONDENCE

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

DOCKETED  
USNRC

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD MAY 31 10:15

In the Matter of )  
 )  
CAROLINA POWER & LIGHT COMPANY )  
AND NORTH CAROLINA EASTERN )  
MUNICIPAL POWER AGENCY )  
 )  
(Shearon Harris Nuclear Power Plant, )

OFFICE OF SECRETARY  
DOCKETING & SERVICE  
BRANCH  
Docket Nos. 50-400 OL  
50-401 OL

AFFIDAVIT OF JOSEPH M. COLLINS

County of Wake )  
 ) SS:  
State of North Carolina )

Joseph M. Collins being duly sworn according to law, deposes  
and says:

1. I am employed by Carolina Power & Light Company ("CP&L")  
as Manager/OPS. My business address is P. O. Box 165, New Hill,  
North Carolina, 27562. A statement of my background and qualifica-  
tions is affixed hereto as Attachment A. I have extensive profes-  
sional experience in the area of Power Plant Operations for fifteen  
years. I have personal knowledge of the matters stated herein and  
believe them to be true and correct.

2. This affidavit is made in support of Applicant's Motion  
for Summary Disposition of Eddleman Contention 45.

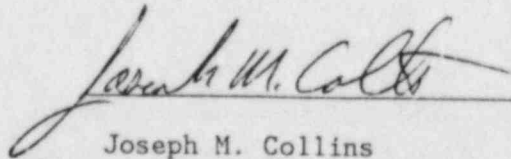
3. The purpose of this affidavit is to confirm that the split  
feedwater delivery criteria for plant operation relevant to water  
hammer as identified in the affidavit of Robert W. Carlson will be  
carried out at SHNPP unless otherwise modified by future vendor  
recommendations.

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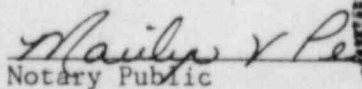
4. As stated in paragraph 34 of Mr. Carlson's affidavit, during plant loading (escalation in power), feedwater supply will be switched to include main nozzle supply (except for preheater bypass flow) only after the following criteria are satisfied:

- (1) A minimum feedwater flowrate of approximately 15% of the full power flowrate is provided.
- (2) The feedwater temperature as measured at low points in the main feedwater piping is 250°F or higher.
- (3) The section of main feedwater piping between the bypass line branch point (Point A, Attachment 3) and the main feedwater nozzle has been purged of cold water.
- (4) The steam generator pressure is greater than 700 psia.
- (5) The steam generator water level is within a specified range.

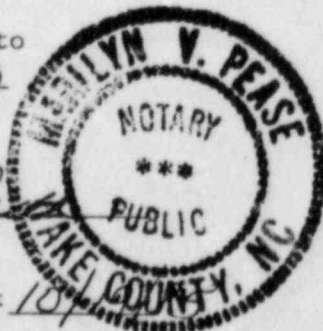
5. As stated in paragraph 35 of Mr. Carlson's affidavit, during plant unloading, the same criteria as set forth above will apply except that the feedwater flow will be switched to only the auxiliary nozzle when the flowrate drops below approximately 15%.

  
Joseph M. Collins

Subscribed and sworn to  
before me this 25<sup>th</sup>  
day of May 1984

  
Notary Public

My Commission Expires: 10/1



Joseph M. Collins  
Manager Operations

Education and Training

B. S. Degree in Business Administration - Coker College

Experience

October 1967 - Control Operator - Operation and Engineering  
Department, Production and System Operations Section, Roxboro  
Plant, Roxboro, North Carolina

January 1969 - Control Operator - Generation and System Operations  
Department, Nuclear Generation Section, Robinson Plant,  
Hartsville, South Carolina

April 1971 - Shift Foreman - Bulk Power Supply Department, Nuclear  
Generation Section, Robinson Plant, Hartsville, South Carolina

September 1973 - Nuclear Generation Specialist - Bulk Power Supply  
Department, Nuclear Generation Section, Robinson Plant,  
Hartsville, South Carolina

January 1976 - Senior Nuclear Generation Specialist - Bulk Power  
Supply Department, Nuclear Generation Section, Robinson Plant,  
Hartsville, South Carolina

January 1977 - Senior Nuclear Generation Specialist - Bulk Power  
Supply Department, Generation Services Section, General Office,  
Raleigh, North Carolina

August 1977 - Project Specialist - Simulator, Generation Department,  
Generation Services Section, General Office, Raleigh, North  
Carolina

May 1979 - Project Specialist - Operator Training, Generation  
Department, Generation Services, Harris E&E Center Section, New  
Hill, North Carolina

December 1979 - Director Nuclear and Simulator Training - Nuclear  
Operations Department, Nuclear Training Section, Harris E&E  
Center, New Hill, North Carolina

July 1980 to September 1981 - Vice President - Modification Systems,  
Inc. - Raleigh, North Carolina

September 1981 to April 1983 - Treasurer - Modification Systems Inc.  
- Columbia, MD

April 1983 - Training Supervisor - Shearon Harris Nuclear Power  
Plant, Technical Services Department, Nuclear Training Section,  
Harris Training Unit, New Hill, North Carolina

November 1983 - Employed as Manager Operations in the Harris Nuclear  
Project Department located in New Hill, North Carolina

10/17/83 kbc\*