

RELATED CORRESPONDENCE

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

DOCKETED
USNRC

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

In the Matter of)	
)	
CAROLINA POWER & LIGHT COMPANY)	OFFICE OF SECRETARY
AND NORTH CAROLINA EASTERN)	DOCKETING & SERVICE
MUNICIPAL POWER AGENCY)	BRANCH
)	Docket Nos. 50-400 OL
)	50-401 OL
(Shearon Harris Nuclear Power Plant,)	

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 qualifications is affixed hereto as Attachment A. I have extensive professional 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.

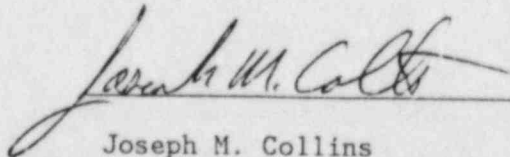
3. The purpose of this affidavit is to confirm that the split feedwater delivery criteria for plant operation relevant to water hammer as identified in the affidavit of Robert W. Carlson will be carried out at SHNPP unless otherwise modified by future vendor recommendations.

8405310462 840525
PDR ADOCK 05000400
G PDR

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:

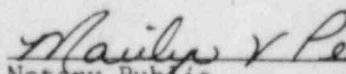
- (1) A minimum feedwater flowrate of approximately 15% of the full power flowrate is provided.
- (2) The feedwater temperature as measured at low points in the main feedwater piping is 250°F or higher.
- (3) The section of main feedwater piping between the bypass line branch point (Point A, Attachment 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%.



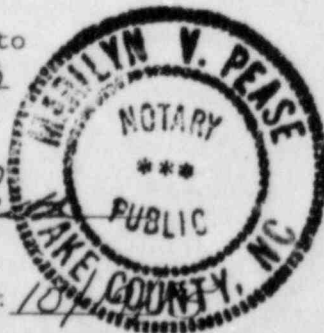
Joseph M. Collins

Subscribed and sworn to
before me this 25th
day of May 1984



Marilyn V. Pease
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*