<b>D</b> ,	- 06 - 2003 EPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents :	documents or copy thereof.
1. Name of conveying party(ies): 20 1 -2 AM In: 22  Steven P. Turner  FINANCE SECTION NO	2566952 2. Name and address of receiving party(ies):  Name: Progress Energy Carolinas Inc.  Internal Address:
3. Nature of conveyance:  ☑ Assignment ☐ Merger	Street Address: 412 S. Wilmington Street  City: Raleigh State: NC ZIP: 27602
□ Security Agreement □ Change of Name □ Other  Execution Date: September 29, 2003	Additional name(s) & address(es) attached? ☐ Yes ☑ No
Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s)  B. Patent No.(s)  10/462,033  Additional numbers attached? □ Yes ☒ No	
Name and address of party to whom correspondence concerning document should be mailed:  Name: Richard S. Faust	6. Total number of applications and patents involved:
Internal Address:	7. Total fee (37 CFR 3.41)
Street Address: 8384 Six Forks Road  Suite 204	☐ Authorized to be charged to deposit account
City: Raleigh State: NC ZIP: 27615	8. Deposit account number:  (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Richard S. Faust Name of Person Signing  Total number of pages comprising cover sheet:  1	

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Serial No.: 10/462,033 Filing Date: June 13, 2003

## **ASSIGNMENT**

THIS ASSIGNMENT, made by me, Steven P. Turner, citizen of the USA, residing at Raleigh, County of Wake, State of North Carolina; WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in DOUBLE-ENDED DISTANCE-TO-FAULT LOCATION SYSTEM USING TIME-SYNCHRONIZED POSITIVE-OR NEGATIVE-SEQUENCE QUANTITIES for which an application for United States Letters Patent was filed with the serial number and filing date set forth above; and

WHEREAS, Progress Energy Carolinas Inc., a North Carolina corporation having its principal offices in Raleigh, County of Wake, State of North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefore or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

> PATENT REEL: 014545 FRAME: 0734

I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree and bind my heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the dates set forth below.

Steven P. Turner (SEAL)

29 <del>DENTER</del> ZOOS

Date

STATE OF NORTH CAROLINA )

COUNTY OF WAKE )

Before me personally appeared Steven P. Turner, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that be executed the same for the purposes therein stated, this 27th day of \_\_\_\_\_\_, 2003.

da

Votary Public

SEAL

My Commission Expires: Quant 3, 2005

Attorney Docket No. CPL-34-UTIL

**RECORDED: 10/02/2003** 



PATENT REEL: 014545 FRAME: 0735