U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 07/05) United States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2008) RECORDATION FORM COVER SHEET S-119,092 PSL PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: United States Department of Energy Southern Company Services Internal Address: _ Additional name(s) of conveying party(ies) attached? Yes 🗸 No 3. Nature of conveyance/Execution Date(s): Street Address: 1000 Independence Ave., S.W Execution Date(s) 03/05/2012 Assignment Merger City: Washington Change of Name Security Agreement __ Joint Research Agreement State: D.C. Government Interest Assignment Country: USA Zip: 20585 ✓ Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? ☐ Yes ☑ No Other 4. Application or patent number(s): This document is being filed together with a new application. B. Patent No.(s) A. Patent Application No.(s) 12/426,700 Additional numbers attached? Yes V No 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: 1 Name: Mark P. Dvorscak 7. Total fee (37 CFR 1.21(h) & 3.41) \$___ Internal Address: U. S. Dept. of Energy, IPLD Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed Street Address: 9800 S. Cass Ave ✓ None required (government interest not affecting title) 8. Payment Information City: Argonne a. Credit Card Last 4 Numbers Zip:60439 State: IL Expiration Date _____ Phone Number: 630-252-2393 b. Deposit Account Number _____ Fax Number: 630-252-2779 Authorized User Name _____ Email Address:_ 9. Signature: Signature Total number of pages including cover Mark C. Lang #55,356 sheet, attachments, and documents: Name of Person Signing

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CONFIRMATORY LICENSE

Title of Invention:

Continuous Coarse Ash Depressurization System

Inventor(s):

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Patent Application Serial No:

12/426,700

Filing Date Apr 20, 2009

Patent Number:

Issue Date:

Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable):

Name of Contractor: Southern Company Services, Inc.

DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):

DE-FC21-90MC25140

DOE Case No.: S-119.092

Contractor Docket No.: 19019.0015U1

The Contractor has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

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Contractor Name

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Official's Name

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Official's Title

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RECORDED: 06/29/2012

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PATENT

Signed on: 3/s/2012

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