Bird Peter

Proj-721

From: Bird Peter
Sent: Monday, July 14, 2003 1:08 PM
To: 'BJB@nrc.gov'
Cc: Auman Jim
Subject: SWPC Topical Report Affidavit

References:
1) "Safety Evaluation for Acceptance of Referencing the Siemens Westinghouse Topical Report, "Missile Analysis Methodology for General Electric (GE) Nuclear Steam Turbine Rotors by the Siemens Westinghouse Power Corporation (SWPC)", dated April 2, 2003, (TAC No. MB5679)
2) Safety Evaluation by the Office of Nuclear Reactor Regulation, Siemens Westinghouse Topical Report, "Missile Analysis Methodology for General Electric (GE) Nuclear Steam Turbine Rotors by the Siemens Westinghouse Power Corporation (SWPC)", Project No. 721

Brian,

Attached is the July 2003 updated Affidavit for submission with our topical report referenced above. Hard copies of this Affidavit will be express mailed today to you.

NRC Affidavit Jul2003.PDF

Since we need to include the copy of the NRC's Safety Evaluation and Acceptance Letter in our Topical Report, please expedite issuance of the formal Acceptance Letter and Safety Evaluation.

Thank you,
Pete Bird

SIEMENS

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AFFIDAVIT

STATE OF FLORIDA
COUNTY OF ORANGE

1. My name is Alfred A. Pallotta. I am Manager of Steam Turbine Engineering for Siemens Westinghouse Power Corporation (SWPC), and as such I am authorized to execute this Affidavit.
2. I am familiar with the criteria applied by SWPC to determine whether certain SWPC technical information is proprietary. I am familiar with the policies established by SWPC to ensure the proper application of these criteria.
3. I am familiar with the recent SWPC May 16, 2002, submittal, "Missile Analysis Methodology for General Electric (GE) Nuclear Steam Turbine Rotors by the Siemens Westinghouse Power Corporation (SWPC)".
4. This document contains information of a proprietary nature and are of the type customarily held in confidence by SWPC and not made available to the public.
5. This document has been made available to the U.S. Nuclear Regulatory Commission in confidence with the request that the information contained in this document be withheld from public disclosure.
6. The criteria customarily applied by SWPC to determine whether information should be classified as proprietary include:
   (a) The information reveals details of SWPC research and development plans and programs or their results.
   (b) Use of the SWPC information by a competitor would permit the competitor to significantly reduce its expenditures, in time and resources, to design, produce, or market a similar product or service.
   (c) The information includes test data or analytical techniques concerning a process, methodology, or component, the application of which results in a competitive advantage for SWPC.
   (d) The information reveals certain distinguishing aspects of a process, methodology, or component, the exclusive use of which provides a competitive advantage for SWPC in product optimization or marketability.
   (e) The information is vital to a competitive advantage held by SWPC, would be helpful to competitors to SWPC, and would likely cause substantial harm to the competitive position of SWPC.
7. In the case of SWPC's May 16, 2002 submittal, criteria (a), (b) and (c) above specifically apply.
8. In accordance with SWPC policies governing the protection and control of information, proprietary information contained in these documents have been made available, on a limited basis, to others outside SWPC only as required and under suitable agreement providing for nondisclosure and limited use of the information.

9. A non-proprietary version of these documents will be released for public record purposes by deleting specific technical statements or data that are considered proprietary to SWPC.

10. The foregoing statements are true and correct to the best of my knowledge, information, and belief.

Alfred A Pallotta 7/14/03

Alfred A. Pallotta, Manager
Steam Turbine Engineering
Siemens Westinghouse Power Corporation

SUBSCRIBED before me this 14th day of July, 2003.

Barbara J Quinn (Signature)

Barbara J. Quinn (Print Name)

NOTARY PUBLIC, STATE OF: Florida

MY COMMISSION EXPIRES:

Barbara J. Quinn
MY COMMISSION # DD174035 EXPIRES
March 18, 2007
BONDED THRU TROY FAIN INSURANCE, INC.

Referenced Documents to Affidavit

1. Letter from Mr. Herbert N. Berkow (NRC Director) to Mr. Stan Dembkoski (SWPC Director), dated April 2, 2003, Subject: Safety Evaluation for Acceptance of Referencing the Siemens Westinghouse Topical Report, "Missile Analysis Methodology for General Electric (GE) Nuclear Steam Turbine Rotors by the Siemens Westinghouse Power Corporation (SWPC)", (TAC No. MB5679).
2. Safety Evaluation by the Office of Nuclear Reactor Regulation, Siemens Westinghouse Topical Report, "Missile Analysis Methodology for General Electric (GE) Nuclear Steam Turbine Rotors by the Siemens Westinghouse Power Corporation (SWPC)", Project 721.

Prior Westinghouse Documents Renewed Under Affidavit

3. MSTG-1-P, "Criteria for Low Pressure Nuclear Turbine Disc Inspection", Submitted to Nuclear Regulatory Commission, June 1981, Not for Public Record.
4. WSTG-1-P, "Procedures for Estimating the Probability of Steam Turbine Disc Rupture from Stress Corrosion Cracking", Submitted to the Nuclear Regulatory Commission, May 1981, Not for Public Record.
5. WSTG-2-P-A, "Missile Energy Analysis Methods for Nuclear Steam Turbines", Submitted to the Nuclear Regulatory Commission, May 1981, Not for Public Record.
6. WSTG-3-P-A, "Analysis of the Probability of a Nuclear Turbine Reaching Destructive Overspeed", Submitted to the Nuclear Regulatory Commission, July 1984, Not for Public Record.
7. WSTG-4-P, "Analysis of the Probability of the Generation of Missiles from Fully Integral Nuclear Low Pressure Rotors", Submitted to the Nuclear Regulatory Commission, October 1984, Not for Public Record.

Prior Siemens Documents Under Affidavit

8. Engineering Report ER-9605, "Missile Probability Analysis Methodology for Limerick Generating Station, Units 1 & 2, with Siemens Retrofit Turbines", Revision 2, June 18, 1997, Siemens Proprietary.
9. Engineering Report 97008z, "Monte Carlo Simulation for Turbine Disk Missile Probability Analysis", June 5, 1997, Siemens Proprietary.
10. Engineering Report ER-503, "Turbine Missile Analysis for 1800 RPM Nuclear Steam Turbine-Generators with 46-Inch Last Stage Blades", July 1975, Siemens Proprietary.
11. Engineering Report ER-504, "Probability of Turbine Missiles from 1800 RPM Nuclear Steam Turbine-Generators with 46-Inch Last Stage Blades", October 1975, Siemens Proprietary.
12. Engineering Report ER-601, "Speed Control of 1800 RPM Steam Turbine-Generators for Light Water Reactor Applications, May 1976, Siemens Proprietary.