



**Westinghouse**

## SAFEGUARDS INFORMATION

Westinghouse Electric Company  
Nuclear Power Plants  
P.O. Box 355  
Pittsburgh, Pennsylvania 15230-0355  
USA

U.S. Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, D.C. 20555

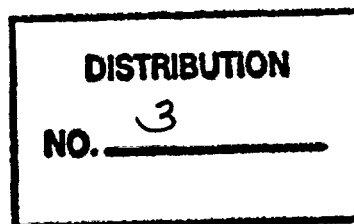
Direct tel: 412-374-5355  
Direct fax: 412-374-5456  
e-mail: corletmm@westinghouse.com

Your ref: Docket No. 52-006  
Our ref: DCP/NRC1596

June 4, 2003

ATTENTION: Mr. Joseph Collacino

SUBJECT: AP1000 Security Assessment



Enclosed are three numbered copies (Numbers 3, 4 and 5) of Revision 0 of the AP1000 Security Assessment. During the meeting in your offices on May 9, 2003, we informed the staff of our intention to defer selected design details of the AP1000 security design to the Combined Operating License (COL) applicant. This approach is consistent with the approach taken for the System 80+ and ABWR standard plant designs that were certified in accordance with provisions of 10 CFR Part 52. We believe that this approach should reduce the time required for the NRC to complete the security review necessary for AP1000 Design Certification.

In Revision 5 of the AP1000 Design Control Document, we revised the information in Chapter 13 to be consistent with our revised approach to security design. The enclosed report formally submits to the NRC for their review the details of the AP1000 security design that is to be considered for AP1000 Design Certification. As discussed at our May 9<sup>th</sup> meeting, this report includes an assessment of the impact on the AP1000 standard plant design of the revised "Design Basis Threat for Radiological Sabotage for Operating Power Reactors" and the "Interim Compensatory Measures for High Threat Environment" that have been issued by the NRC. This assessment also identifies the impact of these orders on those portions of the site specific design features and the operational programs that are the responsibility of the COL applicant. This assessment demonstrates that the AP1000 standard plant design features meet the applicable design requirements related to security.

The enclosed report was prepared by and with Southern Nuclear Company under a subcontract to Westinghouse Electric Company. The safeguards information portion of the Westinghouse AP1000 project copies of this report are maintained and stored by Southern Nuclear Company.

WHEN SEPARATED FROM ENCLOSURES, HANDLE THIS DOCUMENT AS DECONTROLLED

*\* IE53  
1/3*

# SAFEGUARDS INFORMATION

Docket No. 52-006

DCP/NRC1596

Page 2

June 4, 2003

This submittal contains information related to a licensee's or applicant's physical protection which we consider safeguards information within the definitions of 10 CFR 73.2 and 10 CFR 73.21(b). The information contained in this submittal should be withheld from public disclosure in accordance with the provisions of 10 CFR 2.790(d).

Please contact me if you have any questions concerning this transmittal.

Very truly yours,



M. M. Corletti  
Passive Plant Projects & Development  
AP600 & AP1000 Projects

/Enclosure

1. APP-GS-ASR-003, Rev. 0, "AP1000 Security Assessment," dated June 2003, Controlled Copies 3, 4, and 5

WHEN SEPARATED FROM ENCLOSURES, HANDLE THIS DOCUMENT AS DECONTROLLED