



GE Nuclear Energy

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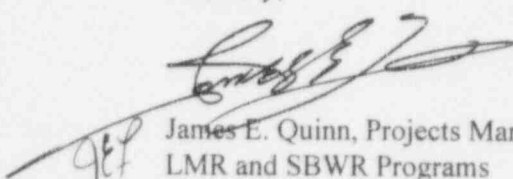
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U. S. Nuclear Regulatory Commission
Washington DC 20555

Attention: Richard W. Borchardt, Director
Standardization Project Directorate

Subject: **SBWR PANTHERS Audit Report (Non Proprietary)**

Transmitted herewith is a copy of the Non Proprietary version of GE Audit Report No. ARP 95-3, Quality Assurance Audit of the SBWR PANTHERS Test Program by Services & Projects Quality, dated February 6 - 8, 1995, as requested by NRC staff. This audit examined the adequacy, implementation and resulting documentation of the Societa' Informazioni Esperienze Termoidrauliche (SIET) Quality Assurance Plan, Quality Plan Relative to Nuclear Area Orders, and applicable procedures which implemented the requirements of the SBWR Design and Certification Program Quality Assurance Plan. The applicable elements of NQA-1 were covered. The report concludes that future testing can be started upon satisfactory disposition of corrective actions and recommendations identified in the report.

Sincerely,


James E. Quinn, Projects Manager
LMR and SBWR Programs

Enclosure: Audit Report No. ARP 95-3 (Non Proprietary), Quality Assurance Audit of SBWR PANTHERS Test Program by Services & Projects Quality, dated February 6 - 8, 1995.

cc:	P. A. Boehnert	(NRC/ACRS)	(2 paper copies plus E-Mail w/encl.)
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AUDIT REPORT No. ARP 95-3

QUALITY ASSURANCE AUDIT

OF

SBWR PANTHERS TEST PROGRAM

BY

SERVICES & PROJECTS QUALITY

FEBRUARY 6 - 8, 1995

Prepared by:

Signature and date on the
original in the audit file.

N. E. Barclay	Date
Manager, Audit Programs	
Lead Auditor	
Services & Projects Quality	

Approved by:

Signature and date on the
original in the audit file.

F. E. Hatch	Date
Manager	
Services & Projects Quality	

I. AUDIT SCOPE

This audit examined the adequacy, implementation and resulting documentation of the Societa' Informazioni Esperienze Termoidrauliche (SIET) Quality Assurance Plan, Document No. 00001-QQ, Revision 3, Quality Plan Relative to Nuclear Area Orders, Document No. 00006-QQ-92, Revision 2 and applicable procedures which implement the requirements of the SBWR Design and Certification Program Quality Assurance Plan, NEDG-31831, Dated May, 1990 at the SIET PANTHERS test facility in Piacenza, Italy. The applicable elements of NQA-1/1a-1983 were covered.

II. AUDIT SUMMARY

This audit reviewed SIET's Quality System as applicable to the PANTHERS Test Program as defined in GE-NE's Test Specification 23A6999, Revision 2 and related GE-NE documentation. The control of the PANTHERS Test Program is satisfactory, to the extent audited, except as noted in the two CARs attached and the three recommendations. Future testing can be started upon satisfactory correction of the two CARs and resolution of the three recommendations.

III. AUDIT TEAM

The audit team consisted of:

N. E. Barclay, Manager Audit Programs, S&PQ - Lead Auditor

P. E. Novak, ARP Quality Project Manager, S&PQ - Auditor

P. F. Billig, Senior Engineer SBWR Test Programs - Technical Specialist

The key people from SIET's staff supporting the audit included:

G. Scandola, Managing Director

G. Cattadori, Head of Component Qualification Division

A. Musa, Quality Assurance Manager

C. Salomoni, Quality Assurance Services

S. Botti, IC-PCC Project Manager

R. Silverii, Project Manager, Instrumentation and Data Acquisition System

A. Achilli, PANTHERS Experiments Manager

E. Gabbi, Drafting Manager

G. Cavanna, Head of Instrument Laboratory

The key people from ENEA's staff supporting the audit included:

P. Masoni, Advanced Passive Plant Project - SBWR

IV. AUDIT PROCESS

V. AUDIT RESULTS

VI. FOLLOW-UP AND CLOSE-OUT

Implementation of the committed and preventive actions of the CARs is required of the responsible Project Manager.