

ORGANIZATION: WESTINGHOUSE ELECTRIC CORPORATION
COMPUTER AND INSTRUMENTATION DIVISION
TEMPE, ARIZONA

REPORT NO.:	99900280/82-01	INSPECTION DATE(S)	12/6-9/82	INSPECTION ON-SITE HOURS:	26
CORRESPONDENCE ADDRESS: Westinghouse Electric Corporation Computer and Instrumentation Division ATTN: Mr. T. R. Fisher, Operations Manager 1441 Alameda Drive Tempe, AZ 85282					
ORGANIZATIONAL CONTACT: Mr. J. Murphy, Quality Assurance Manager TELEPHONE NUMBER: (602) 968-3170					
PRINCIPAL PRODUCT: Electronic pressure transmitters.					
NUCLEAR INDUSTRY ACTIVITY: The current production of nuclear Class 1E equipment represents approximately 40 percent of total annual sales.					
ASSIGNED INSPECTOR:	<u>J. W. Sutton</u> J. W. Sutton, Reactive and Component Program Section (R&CPS)			<u>1-25-83</u> Date	
OTHER INSPECTOR(S):					
APPROVED BY:	<u>I. Barnes</u> I. Barnes, Chief, R&CPS			<u>1-26-83</u> Date	
INSPECTION BASES AND SCOPE:					
A. <u>BASES</u> : 10 CFR Part 50, Appendix B and 10 CFR Part 21.					
B. <u>SCOPE</u> : Management meeting, status of previous inspection findings, 10 CFR Part 21 inspection, nonconformances/corrective action, and audits.					
PLANT SITE APPLICABILITY:					
Not identified.					
				DESIGNATED ORIGINAL Certified By <u>Rheanne Clark</u>	

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A. VIOLATIONS:

None

B. NONCONFORMANCES:

1. Contrary to Criterion V of Appendix B to 10 CFR Part 50, Section 4.0 and subparagraph 5.2.4 of Computer and Instrumentation Division (C&ID) Quality Assurance Procedures and Standards (QAPS) No. 209, and Section 7.0 of QAPS No. 215:
 - a. Five completed pressure transmitters were observed in the inspection area with Material Disposition Reports attached and identified as scrap material. None of the items had an Error Correction Tag attached.
 - b. A locked panel had not been provided for scrap disposal.
 - c. Fifteen discrepant component parts for pressure transmitters were observed in an inspection area that had not been tagged with manilla tags.
2. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and paragraphs 18.1, 18.2, and 18.3 in Section 18, Revision 2 of the C&ID Quality Control Program:
 - a. C&ID did not have a documented program of planned internal audits to verify compliance with the Quality Control Program.
 - b. Auditors were performing audits of areas in which they had direct responsibility.
 - c. Documentation was not available which would confirm that auditors had either sufficient experience or had received commensurate training.
3. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and paragraph 7.5 in Section 7, Revision 3, of the C&ID Quality Control Program, C&ID had not established a program for the periodic audit of approved suppliers. This determination was made based on the absence of any documented audit frequency requirements and the identification that 70 percent of Type 1 (Critical) vendors had not been resurveyed in over 5 years.

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C. UNRESOLVED ITEMS:

None

D. STATUS OF PREVIOUS INSPECTION FINDINGS:

(Resolved) Unresolved Item (78-01): Design tests/production tests - Final design/qualification tests are awaiting final evaluation and documentation to verify compliance with criteria for Class 1E products.

The NRC inspector reviewed documentation received by C&ID pertaining to the final qualification tests for the C&ID Level B transmitter, Model 32-Series 2. The documentation consisted of the summary and analysis of the tests made to qualify the transmitter. Review of the documentation indicated that all tests and requirements had been met.

E. OTHER FINDINGS OR COMMENTS:

1. Management Meeting - A management meeting was held with C&ID management personnel to acquaint them with the organizational and program changes that have taken place within the NRC and Vendor Program Branch since the initial inspection performed in 1978. Information was given as to the types of documents generated and processed in implementing the inspection program. C&ID's nuclear production activities were reviewed to aid in determination of future required inspections.
2. 10 CFR Part 21 Inspection - The NRC inspector reviewed C&ID's policy for evaluation and reporting of 10 CFR Part 21 items. Posting was checked with respect to 10 CFR Part 21 requirements and was found to be in compliance with the regulation. The NRC inspector also reviewed two items which had been reviewed and disposed of according to the review procedure.

Within this area, no violations were identified.
3. Nonconformance/Corrective Action - The NRC inspector reviewed Sections 15 and 16 of the C&ID Control Manual. In addition, QA procedures for risk defect reporting were reviewed for content. The NRC inspector reviewed seven nonconformance reports which were applicable to items observed on the assembly floor and inspected areas which had been

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<p>designated for segregating nonconforming materials. One nonconformance was identified with respect to the observation of discrepant parts and assemblies in the test and assembly areas which did not contain the proper nonconformance identification (see paragraph B.1).</p> <p>4. Audits - The NRC inspector reviewed Section 18 of C&ID's Quality Control Manual and related QA documents for compliance with NRC and C&ID program requirements. The NRC inspector also reviewed the results of available internal and management audits that had been conducted by QA personnel. An examination was made of the corrective actions taken as a result of the above audits. The NRC inspector also reviewed program requirements and results of audits conducted on subvendors. As a result of the review, two nonconformances were identified in this area of the inspection (see paragraphs B.2 and B.3).</p>		

Inspector J.W. Sutton
 Scope/Module Review Inspection Findings - Part 21 Inspection

DOCUMENTS EXAMINED

1	2	TITLE/SUBJECT	3	4
1.	8.	<u>W Qualification program Part test analysis & Summary Report - N5519432. (Model 32 - Series 2 - Level B. Transmitter)</u>	<u>June 1982</u>	
2.	3.	<u>QAPS. 800 - Identification Evaluation Reporting of Defects and nonconformances as required by 10CFR 21</u>	<u>9-15-81</u>	
3	8	<u>Sales order - P.H. 38107 - 150 3052601.</u>		
4	8	<u>Eng. Test Rept. 178. E.T.R.</u>		
5	7	<u>Letter #501-3</u>	<u>9-18-81</u>	
6	6	<u>Employer Report form.</u>	<u>9-8-81</u>	
7.	6.	<u>A.E.C. Act -</u>	<u>9-9-81</u>	
8	6	<u>Memo Nuclear Safety Committee.</u>	<u>9-11-81</u>	
9	6.	<u>Memo. Nuclear Safety Committee Meeting</u>		
10	2	<u>Division Notice - RN # 40994(A)</u>		
11	6.	<u>Sample test Report. STR 009.</u>	<u>11-23-81</u>	
12	6.	<u>Life Test - Accid Conditions - 009.</u>	<u>11-18-81</u>	
13	3.	<u>QAPS. Rept - 800</u>	<u>8-27-82</u>	
14	6	<u>Memo - Transmitter Dept -</u>	<u>4-28-82</u>	

Document Types:
 1. Drawing
 2. Specification
 3. Procedure
 4. QA Manual
 5. Purchas Order
 6. Internal Memo
 7. Letter
 8. Other (Specify-if necessary)

Columns:
 1. Sequential Item Number
 2. Type of Document
 3. Date of Document
 4. Revision (If applicable)

Inspector J. W. Sutton
 Scope/Module Part 21 Inspection - Non-Conformance Correction Action

DOCUMENTS EXAMINED

1	2	TITLE/SUBJECT	3	4
15	6.	Memo - Members of Nuclear Safety Committee Meeting	6-8-82	
16	6.	"		
17	8.	Rept - file 1010. Veri-Trac -	6-11-82	
18	8	Rept - STL 1086 - Examination of Welds -	12-11-80	
19	8	Rept. EL 1594 - Susanna Test - XAL 80019	1-1-82	
20	8	SD3411 WNTD.		
21	8	Rept EL 1588		
22	8	Sample - 102 weld test -		
23	8	Rept. Engr. CRP.		
24	8	Manual Section 15-16.	8-9-78-	2
25	3	QABS - 209. Defective Material Control.	6-4-79.	1
26	3	QAPS - 214. Dispatch Rept	6-4-79	1
27	3	QAPS - 215 Connection Tag		1
28	8	MDP - 12067-12068 - 12066-12069-12072 -		
	8	Tag. 143-63.		

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1	2	TITLE/SUBJECT	3	4
29.	4	QA Manual Section 18	8-9-78	2
30.	4	QA Manual Section 7.	9-19-78	5
31	3	QAPS - 202 - Approval Vendor List.	2-21-79	2
32.	3	QAPS - 533 - QA - Quality manual. (Nuclear)	6-24-82	3
33	3	QAPS - 203 Supplier Audits.	7-31-79	1
34	3	QAPS. 2533 - Approval mfg. List for Nuclear Products	10-13-82	14
35	3	QAPS. 228. National Audits.	8-12-81	1
36	3	QAPS 270 - Supplier QA Program -		
37	8	Audit files - 07A - 08A - 09A - 12A. 18A - 22A - 24A		
		25A - 26A - 33A - 34A - 37A - 39A - 41A - 45A		
		46A - 54A - 58A - 60A - 62A - 69A - 80A - 96A - 15B.		
		26B - 33B - 36B.		
38.	8	Annual Summary		
39	8	Audit Repts 79 79-80-81-82 - (39) -		

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