

GENERAL  ELECTRIC

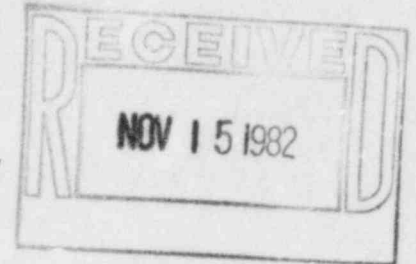
NUCLEAR ENERGY  
PRODUCTS DIVISION

WILMINGTON MANUFACTURING  
DEPARTMENT

CASTLE HAYNE ROAD • P. O. BOX 780 • WILMINGTON, N. C. 28402 • (919) 343-5000

8 November 1982

United States Nuclear Regulatory Commission  
Office of Inspection and Enforcement - Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011



Attention: Mr. U. Potapovs, Chief, Vendor Programs Branch

Dear Sir:

This letter is in response to Inspection Report No. 9990003/82-02 as documented in your letter of October 12, 1982.

General Electric, Wilmington Manufacturing Department, submits the attached statements in response to the Notices of Nonconformance identified by Mr. WM McNeill of your office.

We have reviewed the report issued under your letter of October 12, 1982 and found nothing considered proprietary about the information provided therein.

Should you or your staff have any questions regarding this letter, we will be glad to discuss them with you.

Sincerely,

A handwritten signature in cursive script that reads "James A. Long".

James A. Long, General Manager  
Wilmington Manufacturing Department

JHL/JAL:dcm

Attachment

8212100005 821206  
PDR QA999 EMVGENE  
99900003 PDR

Nonconformance A

Wilmington Manufacturing Department Quality Assurance Program, NEDE-20586, dated October 16, 1982, Section 6.7.5.1, states in part, "Conformance to purchase contract requirements, which reference appropriate GE specification and/or drawing, is the basis for receiving inspection planning . . . . Primary emphasis is on examination of product upon receipt for verification of conformance to all Purchase Order requirements."

Contrary to the above, verification of conformance to all Purchase Order requirements was not performed, in that Anhydrous Ammonia was received and accepted five times since 1978, although the vendor failed to comply with the purchase specification D27A1 requirement for reporting of noncondensable gases.

GE Corrective Action

The previous five shipments of Anhydrous Ammonia were placed on IR RH526 as a result of the nonconformance. The Material Review Board has dispositioned the material as acceptable on the basis that % ammonia ( $\text{NH}_3$ ), moisture and oil complied to specification and that product performance is not affected by noncondensable gases. As a result, an Engineering Change Request #W1517 has been issued requesting Design Engineering to revise the Anhydrous Ammonia requirement in the nitride specification. An Engineering Change Notice is anticipated by December 15, 1982. In the interim, any additional shipments received of Anhydrous Ammonia will be in accordance with specification or placed on IR.

Nonconformance B

Wilmington Manufacturing Department Quality Assurance Program, NEDE-20586, dated October 16, 1981, Section 6.7.5, states in part, "Verify quality of purchased items or services by . . . examination of items upon delivery."

Contrary to the above, purchase bulk chemicals such as gases are not always examined upon delivery. A lot of 34,720 pounds of Anhydrous Ammonia (PO 334X2832) was received on August 13, 1982, and used from that date on, without a verification of the quality. The supplier certification and test results were inadvertently attached to a receiver for another purchase order and a release had not been issued.

U.S. NRC INSPECTION REPORT DOCKET NO. 9990003/82-02  
(Continued)

GE Corrective Action

Subject lot of Anhydrous Ammonia was placed on IR RH527 and dispositioned by MRB as acceptable based on the material certification. Controls have been implemented which prevent further release of Anhydrous Ammonia prior to QC acceptance. In addition, WMD is reviewing the system for receipt and release of bulk chemicals and gases. A revised system establishing control of these materials will be defined and implemented by February 28, 1983.

Nonconformance C

Wilmington Manufacturing Department Quality Assurance Program, NEDE-20586, dated October 16, 1981, Section 6.12.3, states in part, "Provide for inspection, measuring and test equipment to be controlled, calibrated . . . at prescribed intervals."

Contrary to the above, it was observed that the hardness tester (W02182) was calibrated during 1982 at an interval of 6 months and not at the prescribed 3-month interval.

GE Corrective Action

Subject hardness tester was checked by Gage Lab personnel and determined to be within calibration at the time the oversight was detected. Apparently a verbal communication from Lab supervision to the inspector resulted in the calibration interval change. All Gage Lab inspectors have been formally notified to adhere to the documented requirements for gage calibration frequency as specified in GIS A-04 or obtain a written approval to deviate from the standard by Equipment Quality management.