

**CRANE**

CRANE NUCLEAR, INC.

860 REMINGTON BLVD

TELEPHONE (770) 424-6343  
FAX (770) 429-4750

7/8/15 original public  
Suns Complete

BOLINGBROOK, IL 60440

June 22, 2015

Edward H. Roach, Chief  
Mechanical Vendor Inspection Branch  
Division of Construction Inspection and Operation Programs  
Office of New Reactors

Subject: No. 99901450/2015-201 Notice of Nonconformance; Crane Nuclear Inc. CARs 15-04 thru 15-06

Reference: NRC Inspection Report of Crane Nuclear, Inc. No. 99901459/2015-201

Dear Sir:

In response to the Notice of Noncompliance referenced above Crane Nuclear Inc. generated Corrective Action Reports. Below is a brief description of the counter measures taken including a reference to our internal Corrective Action Reports.

Notice of Nonconformance – A

This Notice of Nonconformance addressed Criterion III Design Control, Crane internal procedure DED-4 Dedication of Commercial Material, items, and Services for Safety Related Applications, and Crane Procedure 03-106 Design Calculation Preparation, Review and Approval. Corrective Action Report was issued to review the extent of condition which drove a procedure revision; an independent review of the calculation was performed and documented. While the commercial grade evaluation form lacked noting the dimensions as a critical characteristic a dimensional inspection was performed, documented and maintained with the order file. See attached CAR 15-04.

Notice of Nonconformance – B

This Notice of Nonconformance addressed Criterion XVI Corrective Action Procedure and Crane Procedure CCP-1 relative to the implementation procedure relative to timeliness, addressing significant conditions adverse to quality and poor maintenance of the documentation required of the procedure. The procedure and form did not clearly identified significant conditions adverse to quality. A review of the customer complaint log was performed and all documents that were missing were completed and reviewed. The procedure was revised to include requirements for addressing all significant conditions adverse to quality and training was completed. See attached CAR 15-06.

Notice of Nonconformance – C

This Notice of Nonconformance addressed Criterion VII and Crane Procedure 07-100 Receiving Inspection, Material Release and Storage and Material for the acceptance of a hardness value that did not meet the requirements as stated on the Certified Material Test Report. The immediate countermeasure included contacting the customer, later requesting the material be returned and the customer placed the material on hold and eventually accepted the material based on design information that Crane provided. Training was conducted. See attached CAR 15-05.

The completed Corrective Action Reports are attached with objective evidence identifying actions taken that included procedure revisions, customer notification and training.

Sincerely,

Crane Nuclear, Inc.

*Rosalie Nava*

Rosalie Nava  
Director Safety and Quality

Enclosures: CAR 15-04, CAR 15-05 and CAR 15-06

IE09  
NR0