

**CRANE**

**NUCLEAR OPERATIONS**

CRANE VALVES

104 NORTH CHICAGO STREET

JOLIET, IL 60431

*October 28, 1994*

*Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555*

**SUBJECT:** *INTERIM REPORT #3 of 10CFR Part 21 Evaluation*

**REFERENCE:** *Crane Letter Dated May 16, 1994*

*Gentlemen:*

*This letter is a follow-up to the referenced letter, in which Crane Valves Nuclear Operations advised that we were undertaking an investigation to determine if data supplied in the mid-1980's was used by Nuclear Utilities to set torque switches in Motor Operated Valves.*

*As described in the May correspondence, over 600 issues of Engineering calculations have been generated and the scope of that evaluation is even greater than we initially anticipated. As of this date, we have uncovered no contractual evidence to support the fact that Crane supplied erroneous data to Utilities, since most orders do not specify the objective of our earlier evaluations.*

*It is expected that the evaluation will be completed within the next 60 days. Any questions can be directed to my attention at 815-740-7571.*

*Sincerely,*

*HG McCullough, P.E.*

*Henry G.L. McCullough, P.E.  
Manager Engineering/  
Quality Assurance*

*HGMCC/cs*

*cc: John Carlson  
Bruce Harry  
Kevin Hutchinson  
File*

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**CRANE**

**CRANE - ALOYCO** A UNIT OF CRANE VALVES

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*May 16, 1994*

*Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555*

**SUBJECT:** *INTERIM REPORT OF 10 CFR PART 21 EVALUATION*

**REFERENCE:** *WEAK LINK ANALYSIS FOR MOTOR OPERATED  
VALVES (MOV's)*

*Gentlemen:*

*In accordance with 10 CFR Part 21, Article 21.21 (a) (2), Crane Valves Nuclear Operations (formerly Crane-Aloyco) hereby advises that we are undertaking an evaluation to determine if data supplied in the mid-1980's as Crane-Aloyco "OTC" Reports has been used by Nuclear Utilities to set torque switches in MOV's.*

*At issue is not the analytical methods, but the use of data beyond the intended scope. This issue surfaced as a result of review of revised OTC reports supplied to Florida Power Corp. for MOV's at Crystal River Unit #3.*

*To date, Crane has generated over 600 OTC reports. Accordingly, the scope of the evaluation will extend beyond the 60 day reporting period of 10 CFR Part 21. As part of our investigation, we are considering the applicability of reporting requirements in light of GL 89-10 and the possibility that this circumstance has already been addressed by other NRC Communications such as IN 92-41 or IN 94-18.*

*Crane Valves Nuclear Operations' representatives have meet with technical and licensing representatives from Florida Power Corp. on two separate occasions to discuss these issues and to assure that substantial safety hazards are avoided.*

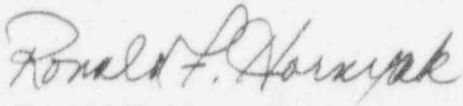
*We anticipate completion of this evaluation by July 29, 1994, at which time the reporting requirements of 10 CFR Part 21 Paragraph 21.21 will be satisfied.*

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Questions concerning this Interim Report can be directed to our Manager of Developmental Engineering, Mr. Bruce Harry, at 815-740-7570 or myself at 815 740-7597.

Sincerely,

A handwritten signature in cursive script, reading "Ronald F. Hornyak".

Ronald F. Hornyak  
Manager QA/Support Engineering

RFH/cs

cc: J. Carlson  
K. Billingsley  
B. Harry  
K. Hutchinson  
J. Teele  
File