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June 25, 1992

Dr. Thomas E. Murley, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attn: Document Control Desk

Subject: Response to NRC Review of Generic Letter 89-10,  
Supplement 3: "Consideration of the Results of  
NRC-Sponsored Tests of Motor-Operated Valves"

Dresden Station Units 2 and 3  
NRC Docket Numbers 50-237/249  
Quad Cities Station Units 1 and 2  
NRC Docket Numbers 50-254/265  
LaSalle County Station Units 1 and 2  
NRC Docket Numbers 50-373/374

- References:
- (a) NRC Review of CECO Response to GL 89-10, Supplement 3, dated 4/16/92
  - (b) D.L. Taylor letter to the NRC, dated 3/11/91
  - (c) D.J. Chrzanowski letter to U.S. NRC, dated 9/5/91
  - (d) CECO/NRR/RIII Meeting held May 12, 1992 regarding the Reactor Water Cleanup Outboard Piping Program for Dresden and Quad Cities Stations

The purpose of this letter is to provide additional information in response to reference (a). Reference (a) provided the Staff's approval of CECO's proposed schedule to meet the requirements of Generic Letter 89-10, Supplement 3. The NRC approval was contingent upon confirming that all piping systems susceptible to intergranular stress corrosion cracking (IGSCC) containing MOVs identified by Generic Letter 89-10, Supplement 3 have either:

- (1) temperature monitoring capable of detecting a leak, or
- (2) are visually inspected by physical walk-down at least once per day, or
- (3) 100% volumetric examination of service sensitive welds have been/will be performed in lieu of the above items.

The Isolation Condenser (IC) system at Dresden Station and Reactor Water Cleanup (RWCU) system at Dresden and Quad Cities Stations are susceptible to IGSCC. As indicated in reference (b), LaSalle Station does not have piping susceptible to IGSCC in the RCIC or RWCU systems and therefore this requirement is not applicable.

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Isolation Condenser System (IC)

The Isolation Condenser system at Dresden Station contains four blowdown valves on each unit which are within the scope of GL 89-10, Supplement 3. For the accessible outboard piping of the IC system, a daily walkdown has been initiated (on June 15, 1992) through operator rounds for each unit. The long term design margin enhancements will be performed on the IC valves during the D2R13 (January 1993) and the D3R13 (September 1993) refuel outage. The daily walk-downs will be performed until the long term enhancements are complete.

Reactor Water Cleanup System (RWCU)

The Reactor Water Cleanup System contains two blowdown valves on each unit that are within the scope of GL 89-10, Supplement 3. The long term design margin enhancements will be performed on the RWCU blowdown valves during the next Dresden and Quad Cities refuel outages; D2R13 (January 1993), D3R13 (September 1993), Q1R12 (September 1992), and Q2R12 (March 1993).

At both Dresden and Quad Cities Stations, RWCU system temperature monitoring sensors are installed. These sensors provide input to control room annunciators for operator notification. The sensors monitor the appropriate sections of the RWCU system where a leak in the piping would lead to design basis differential pressure conditions being experienced by the blowdown valves.

As indicated in the reference (d) meeting, CECo is currently performing a sensitivity evaluation on the RWCU leak detection to support the RWCU Outboard piping program being proposed for Dresden and Quad Cities Stations. The details of the program and the results of the sensitivity evaluation will be submitted to the NRC during the week of July 6, 1992.

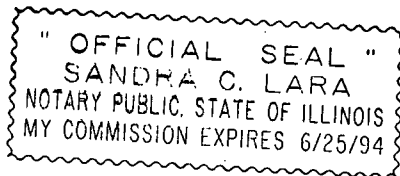
Based on the previous discussion, CECo believes that the NRC requirements with respect to the RWCU and IC piping susceptible to IGSCC are adequately addressed.

To the best of my knowledge and belief, the statements contained on this document are true and correct. In some respect these statements are not based on my personal knowledge, but on information furnished by CECo employees, contractor employees, and consultants. Such information has been reviewed in accordance with company practice, and I believe it to be reliable.

If there are any questions or comments, please contact me at (708) 515-7287.

Respectfully,

Marcia A. Jackson  
Generic Issues Administrator



- cc: R. J. Barrett, NRR Project Director
- B. L. Siegel, NRR Project Manager
- L. N. Olshan, NRR Project Manager
- A. B. Davis, Regional Administrator - RIII
- W. G. Rogers, Dresden, Senior Resident Inspector
- D. L. Hills, LaSalle Senior Resident Inspector
- T. E. Taylor, Quad Cities Senior Resident Inspector

State of Ill, County of Cook  
 Signed before me on this 25th day  
 of June, 1992 by M.A.J.  
 Notary Public [Signature]