



Commonwealth Edison
1400 Opus Place
Downers Grove, Illinois 60515

March 21, 1994

Mr. William T. Russell, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington D.C. 20555

Attn.: Document Control Desk

Subject: Quad Cities Station Units 1 and 2
Resolution of Systematic Evaluation Program Issues
for Quad Cities Station
NRC Docket Nos. 50-254 and 50-265

Reference: (1) J.L. Schrage to USNRC letter dated September 18, 1992
(2) J.M. Taylor to J.J. O'Connor letter dated November 17, 1993

Mr. Russell,

In the Reference (1) letter, Commonwealth Edison (CECo) discussed the planned efforts to address the results of the Dresden Station Unit 2 Systematic Evaluation Program (SEP) at Quad Cities Station. CECo indicated that these planned efforts consisted of developing action plans to: 1) evaluate and prioritize recommended actions in light of current planned work; 2) implement appropriate recommendations; and 3) identify alternative recommendations. CECo stated that the schedule for the development of action plans was August 31, 1993.

In the Reference (2) letter, the NRC transmitted the Diagnostic Evaluation Team (DET) Report for Quad Cities Station. This report indicated that, as of September 24, 1993, the action plans to address the Dresden 2 SEP issues at Quad Cities had not been completed. This letter transmits the status and schedule for completion of the action plans.

CECo has completed the development of action plans at Quad Cities Station to evaluate and prioritize recommended actions associated with seventeen Dresden Station Unit 2 SEP issues at Quad Cities Station. Of these seventeen action plans, CECo has completed the actions associated with five of the action plans. The Attachment to this letter lists the five SEP Topics with completed Action Plans, and the Action Plans for the remaining twelve SEP Topics (including the expected completion dates). CECo will verbally communicate any changes to the Action Plans (including the expected completion dates) with the NRR Project Manager.

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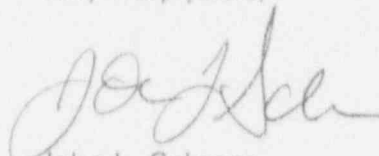
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March 21, 1994

The information described above and in the Attachment to this letter has been reviewed by the Quad Cities Station Plant Operating Review Committee (PORC) in accordance with Commonwealth Edison and Quad Cities Station policies.

If there are any further questions, please contact John L. Schrage at 708-663-7283.

Very truly yours,



John L. Schrage
Nuclear Licensing Administrator

Attachment

cc: J. Martin, Regional Administrator - Region III
C. Miller, Senior Resident Inspector - Quad Cities Station
C. Patel, Project Manager - NRR
Office of Nuclear Facility Safety - IDNS

Attachment
Quad Cities Station
Action Plans to Address Dresden 2 SEP Topics

Topic

II-3.B *Flooding Potential & Protection Requirements analysis.*

Action Plan:

Evaluate the applicability of new meteorological data with respect to a Maximum Flood analysis.

Expected Completion Date: March 31, 1994

If the evaluation shows that the new meteorological data with respect to a Maximum Flood analysis is applicable to Quad Cities station, the following items will be performed:

NOTE: Schedule of following actions will be dependent upon results of initial evaluation.

Scope, schedule, budget, and perform the Maximum Flood analysis.

Determine the impact to existing procedures, design documents, and necessary plant modifications.

Initiate required procedure changes and design necessary modifications.

II-3.B.1 *Capability of Operating Plant to Cope with Design Basis Flooding Conditions.*

This SEP Topic and the Action Plan is directly related to the Action Plan in SEP II-3.B.

Expected Completion Date: March 31, 1994

III-3.C *Inservice Inspection of Water Control Structures.*

Action Plans completed on October 21, 1993

III-8.C *Irradiation Damage, use of Sensitized Stainless Steel, and Fatigue Resistance.*

Action Plans completed on March 1, 1994.

III-10.C *Surveillance Requirements on BWR Recirculation Pumps and Discharge Valves.*

Action Plans completed on November 3, 1993.

V-4 *Piping and Safe-End Integrity.*

Action Plans completed on March 1, 1994.

V-5 *Reactor Coolant Pressure Boundary Leak Detection.*

Action Plans completed on September 17, 1993.

V-10.B *RHR Reliability.*
This SEP Topic and the Action Plan is directly related to the Action Plan in SEP Topic VI-10.B.
Expected Completion Date: December 30, 1994.

VI-4 *Containment Isolation Systems.*

Action Plan:

Perform a study on remote manual valves located in ESF systems, ESF related systems, or systems used for safe shutdown of the plant to determine if adequate leak detection capability exists.

Expected Completion Date: November 7, 1994.

VI-7.C.1 *Appendix K-Electrical Instrumentation and Control Re-reviews.*

Action Plan:

Evaluate current Technical Specification (TS) and submit proposed TS revision as necessary.

Expected Completion Date: September 1, 1994.

VI-10.B *Shared ESF, Onsite Emergency Power, and Service Systems for Multiple Unit Stations.*

Action Plan:

Verify station procedures comply with the restriction against paralleling 125 Vdc and 250 Vdc systems.

Verify station procedures comply with normal-normal alignment for EDG normal/bypass switches.

Initiate required procedure changes.

Expected Completion Date: December 30, 1994.

VII-1.A *Isolation of Reactor Protection Systems from Non-Safety Related Systems, Including Qualification of Isolation Devices.*

Action Plan:

Submit recommended actions to the Technical Review Board (TRB) addressing the installation of isolators between the SRM recorders and the neutron monitoring circuitry.

Expected Completion Date: July 30, 1994;

Submit recommended actions to the Technical Review Board (TRB) addressing electrical isolation between the process computer and APRM's.

Expected Completion Date: July 30, 1994.

VII-3 Systems Required for Safe Shutdown

This SEP Topic and the Action Plan is directly related to the Action Plan in SEP Topic VI-10.B.

Expected Completion Date: December 30, 1994.

VIII-2 Onsite Emergency Power Systems (Diesel Generator).

Action Plan:

Submit recommended actions to the Technical Review Board (TRB) addressing modifications similar to the Dresden mods for the status annunciation and air start circuit on each EDG. (Preliminary assessment is that these modifications will not be required.)

Expected Completion Date: July 30, 1994;

If required, install and test mods during applicable outages or system windows.

Expected Completion Date: Per Outage Schedules;

Verify that the automatically connected load on each diesel generator does not exceed 2000 hr-rating.

Action completed on October 15, 1993.

VIII-3.B DC Power System Bus Voltage Monitoring and Annunciation

Action Plan:

Submit recommended actions to the Technical Review Board (TRB) addressing modifications to install a discharge current high alarm for the 24/48 Vdc system.

Expected Completion Date: July 31, 1994;

Install and test above mods, if required, during applicable outages or system windows.

Expected Completion Date: As scheduled;

Submit recommended actions to the Technical Review Board (TRB) addressing, for the 125 Vdc and 250 Vdc systems, design modifications to install an ammeter relay, fuse, Agastat time delay relay and route cables from the 125 Vdc MCC to the 120 Vac instrument bus, annunciator panel and computer cabinet in the main control room.

Expected Completion Date: July 31, 1994;

Install and test above mods, if required, during applicable outages or system windows.

Expected Completion Date: As scheduled.

VIII-4

Electrical Penetrations of Reactor Containment.

Action Plan:

Submit recommended actions to the Technical Review Board (TRB) addressing the need to test the overload protection of electrical penetration assemblies for currents between 200A and 600A.

Expected Completion Date: July 30, 1994;

Develop a procedure, if required, to test the overload protection of electrical penetration assemblies for currents between 200A and 600A.

Expected Completion Date: August 30, 1994.

Test electrical penetrations during outages if required.

XV-16

Radiological Consequences of Failure of Small Lines Carrying Primary Coolant Outside Containment.

Action Plan:

Review proposed Technical Specification (Technical Specification Upgrade Program) to verify compliance with 10 CFR 100 guidelines on I-131 dose equivalent.

Expected Completion Date: March 31, 1994.