

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, N Y 10003
Telephone (212) 460-3819

October 30, 1973

Re Indian Point Unit No. 2
AEC Docket No. 50-247

Mr. Eldon J. Brunner, Chief
Facility Test and Startup Branch
Directorate of Regulatory Operations
Region I
U. S. Atomic Energy Commission
631 Park Avenue
King of Prussia, Penn. 19406

Dear Mr. Brunner

In response to the request set forth in your letter dated October 2, 1973 and received October 10, 1973, the following information is provided. Numbered items correspond to those shown in the "Details" section of R.O. Inspection Report No. 50-247/73-17 attached to your letter.

4.c Reactor Containment Fan Cooler Condensate Measurement Test

This test was originally conducted prior to initial criticality; however, because the containment temperature at that time was below the base temperature for the plant humidity indicators, the results of that portion of the test relating to humidity could not be completed. We plan to repeat the test during the forthcoming plant testing program at 75% of rated power.

4.d Hot Penetration Cooling System

WEDCO's evaluation of the test data indicate that the measured concrete temperatures adjacent to main steam and feedwater line penetrations are acceptable. Con Edison is expecting additional documentation from WEDCO on this matter in the near future.

4.f Fixed In-core Neutron Detector System

As stated in the test procedure IPP-SU-4.11.4, final calibration of the fixed in-core neutron detectors will be performed at or near 100% of full power. We expect to reach 100% of full power within the next month at which time the test will be completed and the results evaluated.

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4.h Rod Drive Mechanism Stepping Test

This test was completed in March 1973. The test verification sheets do permit traceability to the person performing the test and to the observer. An explanation for a change of data recording is noted on the test performance verification sheet. We would be happy to discuss this matter further with your inspector during the next visit.

4.i In-core Movable Detector Check

Analysis of the results of the in-core movable detector check has been completed and accepted by Westinghouse. A report on these results has been prepared by Westinghouse and is being forwarded to Con Edison for review.

5.a Thermal Expansion (Hangers, Restraints, etc.)

Reactor Coolant System Thermal Expansion Test IPP-SU-4.1.7 was performed early in 1971. The results of this test were evaluated by Con Edison and WEDCO and found acceptable. Documentation attesting to the acceptability of this test is available for review by your inspector.

5.b Hot Penetration Cooling System

Final documentation for this test will be completed pending receipt of requested additional information from WEDCO and a verification of temperatures associated with the feedwater line penetrations at 100% of full power at which power level these temperatures will be at their maximum.

5.c In-core Movable Detector System Checkout

Written acceptance of the in-core movable detector system checkout is contingent upon satisfactory review of report discussed in Item 4.i.

5.d Internal Movement Test Part 5.2.3

Part 5.2.3 of subject test was completed and the results of the test were evaluated by Con Edison and WEDCO and found acceptable. Documentation attesting to the acceptability of the test is available for review by your inspector.

5.e. RCF Condensate Measuring System Functional Test

As stated in 4.c., this test will be repeated during the plant testing program at 75% of rated power.

6. Although not specifically identified as an "open" item in subject R.O. inspection report, certain organizational changes are being made to permit further control of documentation for the remaining portion of the startup test program.

It should be noted that although there was no formal documentation in certain cases relating to power level increase authorization, there has always been and will continue to be close daily verbal communication between Con Edison Operations and WEDCO Operations personnel. Before any power level increase to the next testing plateau is made, adequate evaluations of prerequisite tests are performed and mutually discussed between Con Edison and WEDCO and any problem areas resolved before the power level increase is authorized.

Normally, Con Edison will also await the formal written presentation of these evaluations before approving the power level increase; however, because these formal written evaluations are voluminous and may contain computer output, the results occasionally cannot be provided, in this formal documentation form within the desired time frame. Where written documentation is practical, we expect to provide the same in accordance with the administrative document dated August 14, 1972.

7.a. RCC Pseudo Ejection Test at Zero Power IPP-SU-7.5, Rev. 1

Final written acceptance of the results of this test has been completed by both Con Edison and WEDCO. Con Edison's evaluation was completed on June 21, 1973 and WEDCO's on July 9, 1973. This documentation is available.

7.b. Design Checks IPP-SU-7.3

Final written acceptance of the results of this test has been completed by both WEDCO and Con Edison. Con Edison's evaluation was completed on June 21, 1973 and WEDCO's on July 9, 1973. Test performance verification for the entire test is contained in special log books maintained by Westinghouse physicists at the time the test was conducted.

Eldon J. Brunner
Atomic Energy Commission

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7.c Minimum Shutdown Verification IPP-SU-7.7

Final written acceptance of the results of this test has been completed by both Con Edison and WEDCO. Con Edison's evaluation was completed on June 21, 1973 and WEDCO's on July 9, 1973.

Your letter also asked whether or not the report contains any information believed to be of a proprietary nature. Our review of the report, along with that of our contractor, indicates that no proprietary information is contained in the report.

Very truly yours



William J. Cahill, Jr.
Vice President

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