

DEC 21 1971

Peter A. Morris, Director
Division of Reactor Licensing

INDIAN POINT NO. 2, DOCKET NO. 50-247 - CONTAINMENT TEST REPORT

The containment structural integrity test report for the Indian Point Unit No. 2 containment has been reviewed and evaluated by the Structural Engineering Branch. The evaluation is enclosed.

Original Signed By
E. G. Case

Edson G. Case, Director
Division of Reactor Standards

Enclosure:
Evaluation Report

cc w/encl:

S. Hanauer, DR
R. Boyd, DRL
R. DeYoung, DRL
D. Skovholt, DRL
R. Maccary, DRS
D. Muller, DRL
A. Dromerick, DRS
R. Kniel, DRL
F. Schauer, DRS
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12-15-71

EVALUATION REPORT

INDIAN POINT NUCLEAR STATION UNIT NO. 2

Docket No. 50-247

CONTAINMENT STRUCTURAL TEST

Reference

United Engineers and Constructors, Inc., "Report on Consolidated Edison's Indian Point Unit No. 2 Containment Vessel Structural Integrity Test."

Discussion

The above cited report gives a general description of the Indian Point Unit No. 2 containment, indicates salient features of its construction, and describes in detail test procedures for, instrumentation for, and test data from the containment testing. The test data is presented along with an evaluation of its meaning in terms of containment acceptability. The report is well written and presents all the data required for review.

Conclusion

Based on the results reported in the above referenced document we have concluded that the containment structure is capable of withstanding an internal pressure resulting from the calculated DBA with no loss of structural or functional integrity. In addition, the structure at the time of the test

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had at least a 15% strength margin to resist pressures over the calculated DBA pressure. We expect this margin to be retained over the life of the plant. We consider the test to be acceptable with regards to its fulfilling the test objectives.

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D. R. Muller, Chief, FWR Branch #1, DRL

CONSOLIDATED EDISON COMPANY
(INDIAN POINT 2)
DOCKET NO. 50-247

The attached report of a CO inspection, conducted on November 24,
is forwarded for information.

I understand that you have already taken action with respect to
the matters discussed in this report.

Original signed by
J. B. Henderson

J. B. Henderson
Chief
Reactor Construction Branch
Division of Compliance

Enclosure:
CO Rpt No. 50-247/71-16

cc:w/encl.

EGCase, DRS (3)
RSBoyd, DRL (2)
RCDeYoung, DRL (2)
DJSkovholt, DRL (2)
HRDenton, DRL (2)
AGIambusso, CO
RHEngelken, CO

LKornblith, Jr, CO
JPO'Reilly, CO: I
JGDavis, CO: II
BHGrier, CO: III
JWFiora, CO: IV
RWSmith, CO: V
DR Central Files

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