

DCS 016



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Docket No. 50-410/85-18

MUN 17 1985

Niagara Mohawk Power Corporation
ATTN: Mr. C. V. Mangan
Vice President
Nuclear Engineering and Licensing
300 Erie Boulevard West
Syracuse, NY 13202

Gentlemen:

Subject: Nine Mile Point 2 Engineering Assurance Program (EAP) Technical
Audit Implementation Inspection Report 50-410/85-18

This letter conveys the results of the program plan implementation inspection of the Niagara Mohawk Power Corporation's (NMPC) EA Technical Audit (Ref. NMPC Program for Completion of the Engineering Assurance In-Depth Technical Audits - Nine Mile Point 2 Project EA-106 Revision 1 dated April 18, 1985) of the Nine Mile Point 2 Project. The inspection was conducted by the NRC's Office of Inspection and Enforcement. The team was composed of personnel from NRC's Office of Inspection and Enforcement and consultants. A representative from the NRC Region I office attended the inspection exit meeting. The NRC's inspection of implementation of the program plan and procedures for the In-Depth Technical Audit was conducted at the site of the audit at the Stone & Webster Engineering Corporation's (SWEC) Cherry Hill Operations Center in Cherry Hill, N.J.. The inspection took place from May 21, 1985 to May 24, 1985.

The NRC's implementation inspection of the EA Technical Audit of Nine Mile Point 2 was organized into the five major disciplines involved; viz, mechanical systems, mechanical components, civil/structural, electric power, instrumentation and controls. In each of these areas, the NRC inspectors assessed whether the audit was being conducted in accordance with the approved program plan and supporting procedures and whether the audit was being conducted in sufficient technical depth and detail to be an acceptable mechanism for providing additional assurance that the design of the Nine Mile Point Unit 2 complies with all licensing commitments and regulatory requirements.

The most significant item identified by the NRC Inspection Team on the implementation of the Nine Mile Point 2 Engineering Assurance Technical Audit Program was that in some instances the review was not conducted in a sufficiently comprehensive manner. Specifically, in some instances:

- o Corporate procedures, design guides, and computer codes were accepted by the EA Team Auditors without verification against regulatory design requirements or commitments.

8506260713	850617
PDR	ADOCK 05000410
Q	PDR

11



12

Mr. C. V. Mangan

- 2 -

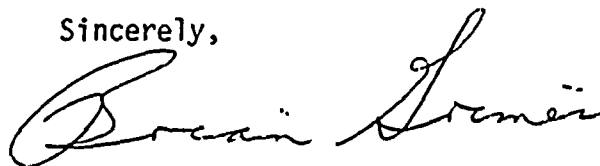
- ° EA Team Auditors were making judgements as to the design adequacy without requesting justification from SWEC project personnel concerning generic aspects of the design process.
- ° Potential action items were informally presented to project personnel by EA Team Auditors for comment prior to formally preparing an action item. This is not in accordance with audit procedures.

Specific comments of the NRC inspection team are provided in Attachment 1 to the enclosed Implementation Inspection Report.

The NRC inspection team has been informed that corrective actions on many of the areas identified in the enclosed Implementation Inspection Report are already in process by the EA Audit Team. In this regard, we understand the audit schedule has been extended to better ensure that the objectives of the audit are met. A formal response to the above concerns is not required. The final audit report will be examined to determine whether resolution of these items has been accomplished.

The report number for the Nine Mile Point 2 Engineering Assurance Program (EAP) Technical Audit and Quality Assurance Preparation Inspection Report dated May 10, 1985 should be changed to read 50-410/85-14.

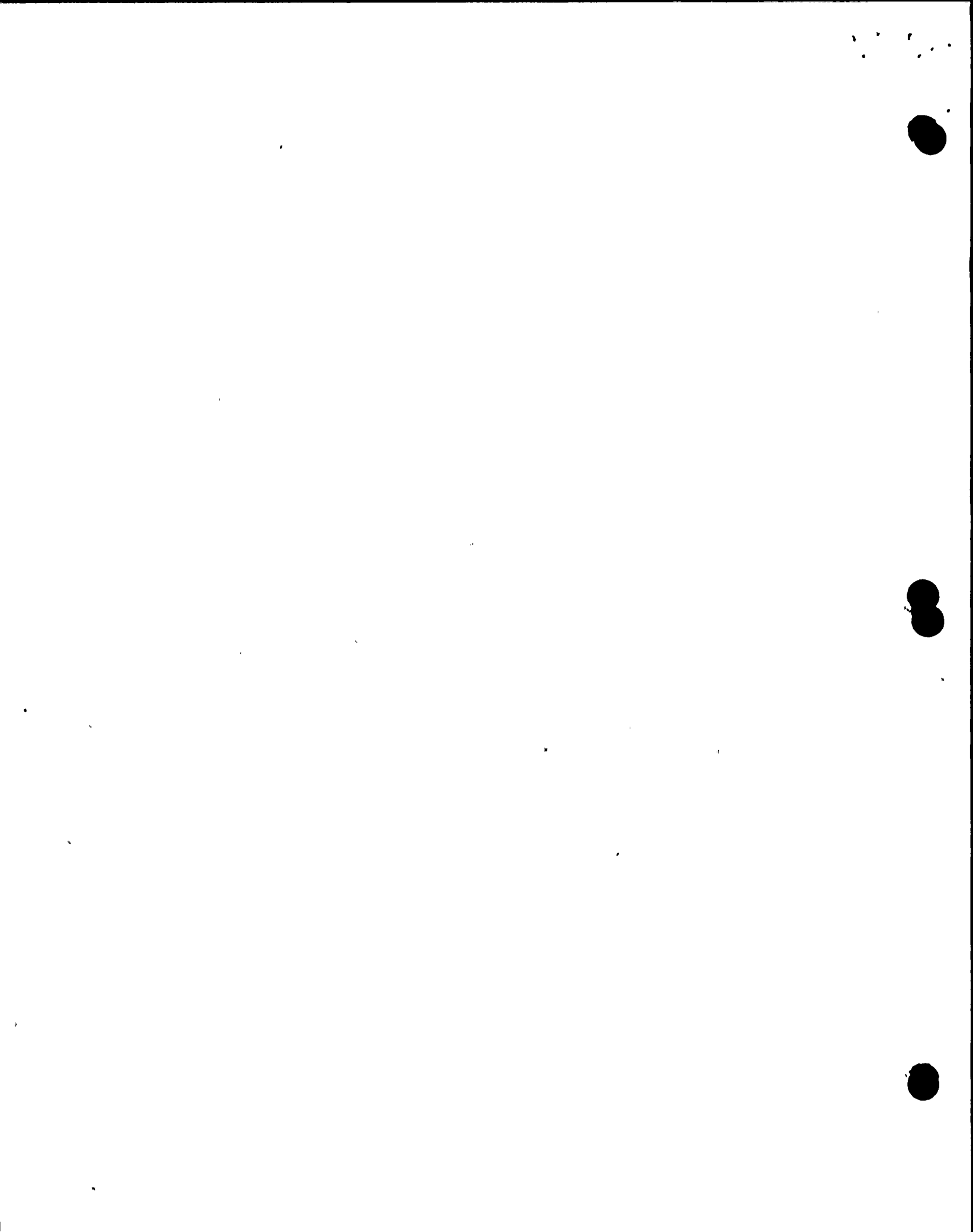
Sincerely,



Brian K. Grimes, Director
Division of Quality Assurance, Vendor,
and Technical Training Center Programs
Office of Inspection and Enforcement

Enclosure:
Implementation Inspection Report

cc: See next page



cc: Mr. Troy B. Conner, Jr., Esq.
Conner & Wetterhahn
Suite 1050
1747 Pennsylvania Avenue, N.W.
Washington, DC 20006

Richard Goldsmith
Syracuse University
College of Law
E. I. White Hall
Syracuse, New York 12223

Ezra I. Bialik
Assistant Attorney General
Environmental Protection Bureau
New York State Department of Law
2 World Trade Center
New York, New York 10047

Resident Inspector
Nine Mile Point Nuclear Power Station
P.O. Box 99
Lycoming, New York 13093

Mr. John W. Keib, Esq.
Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13202

James Linville
U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Norman Rademacher,
Licensing
Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13202

Mr. Thomas E. Murley
U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

v . . .



Mr. C. V. Mangan

- 4 -

Distribution:

J. M. Taylor, IE
 R. H. Vollmer, IE
 B. K. Grimes, IE
 J. G. Partlow, IE
 G. T. Ankrum, IE
 J. L. Milhoan, IE
 E. V. Imbro, IE
 G. S. Lewis, IE
 S. D. Ebnetter, RI
 M. Haughey, NRR
 DCS 016 (Docket No. 50-410)
 NRC PDR
 Local PDR
 H. Thompson, NRR
 T. E. Murley, RI
 R. Starostecki, RI
 T. M. Novak, NRR
 W. Butler, NRR
 E. Hylton, NRR
 AEOD
 OELD
 NMSS
 RES
 ACRS (10)
 NSIC
 NTIS
 Regional Administrators
 Regional Division Directors
 T. Speis, NRR
 E. L. Jordan, IE
 J. Axelrad, IE
 Team Members
 H. Boulden, OIA
 SECY
 OPE

W: J. Dircks, EDO
 H. R. Denton, NRR
 OCA (3)

Yol
 IE: DQAVT: QAB
 GSLewis:hmc
 06/14/85

Yol
 IE: DQAVT: QAB
 E. V. Imbro
 06/14/85

JL
 IE: DQAVT: QAB
 J. L. Milhoan
 06/14/85

H. R. Denton
 IE: DQAVT: QAB: C
 G. T. Ankrum
 06/14/85

Telecon with 488
 Region I
 S. D. Ebnetter
 06/14/85

BK
 IE: DQAVT: D
 B. K. Grimes
 06/17/85

201. His result
21

202
22

203
23