

June 23, 1986

Docket No. 50-410

Mr. B. G. Hooten
Executive Director of Nuclear Operations
Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13202

Dear Mr. Hooten:

Subject: Request for Additional Information Concerning the
Preservice Inspection Program at Nine Mile Point, Unit 2

The NRC is presently reviewing the Nine Mile Point, Unit 2 (NMP-2) Preservice Inspection (PSI) Program. The enclosure to this letter identifies information needed in order for the NRC to continue review of this program. A copy of the enclosed request for additional information was given to Mr. Don Hill of your staff on June 18, 1986.

Please provide the information requested in the enclosure within 14 working days of receipt of this letter.

Sincerely,

/s/

Mary F. Haughey, Project Manager
BWR Project Directorate No. 3
Division of BWR Licensing

Enclosure:
As stated

cc: See next page

M. Haughey
BWD-3:DBL
MHaughey/hmc
6/23/86

~~LA:BWD-3:DBL
EHylton
6/ /86~~

Q
D:BWD-3:DBL
EAdensam
6/23/86

8607030354 860623
PDR ADDCK 05000410
G PDR

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

Mr. B. G. Hooten
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station
Unit 2

cc:

Mr. Troy B. Conner, Jr., Esq.
Conner & Wetterhahn
Suite 1050
1747 Pennsylvania Avenue, N.W.
Washington, D.C. 20006

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

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

Mr. Paul D. Eddy
New York State Public Service
Commission
Nine Mile Point Nuclear Station -
Unit II
Post Office Box 63
Lycoming, New York 13093

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

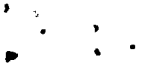
Don Hill
Niagara Mohawk Power Corporation,
Suite 550
4520 East West Highway
Bethesda, Maryland 20814

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

Mr. 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



NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION - UNIT 2
DOCKET NUMBER 50-410

ENGINEERING BRANCH
DIVISION OF BWR LICENSING

Review of Preservice Inspection (PSI) Program and a Request for Further Information

I. Scope/Status of Review

Inservice inspection programs are based on the general requirements of 10 CFR Part 50, Section 50.55a, as detailed in ASME Code Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components." Inservice inspection (ISI) includes a preservice baseline inspection prior to the initial plant startup. The Engineering Branch of the Division of BWR Licensing is responsible for review of the ISI/PSI program for compliance to the requirements of 10 CFR 50.55a. The staff has reviewed the available information in the Nine Mile Point 2 FSAR through Amendment 25 dated March 1986, Regional Inspection Report No. 50-410/85-23 dated August 29, 1985, and the Nine Mile Point Nuclear Station - Unit 2 Preservice Inspection Program and Addenda submitted August 1984, September 1984, December 1984, July 1985, and October 1985. The PSI Program was revised in its entirety with the October 1985 submittal, therefore, the Program with respect to the systems and components receiving PSI examination was evaluated using this submittal. This submittal also contained several requests for relief from ASME Code requirements which the Applicant has determined to be not practical and included technical justifications and supporting information pursuant to 10 CFR 50.55a(a)(3). In a letter dated December 5, 1985, the staff requested the additional information required in order to complete the review of the PSI program and provide supplemental input to Sections 5.2.4 and 6.6 of the Safety Evaluation Report (SER). In a letter dated January 24, 1986, the Applicant provided a response to the request for additional information and made a commitment to revise the inconsistencies, identified by the staff, with regards to the relief requests submitted in October 1985. The Applicant revised the October 1985 relief requests and submitted 11 new relief requests in a submittal dated May 9, 1986.

II. Staff Evaluation

Based on review of the above information, and the results of a telephone conference call with the Applicant on May 16, 1986 to discuss the 11 new relief requests, the staff has concluded that the following information and/or clarification is required in order to



2 2 2

continue the review of the preservice inspection program and provide further input to Sections 5.2.4 and 6.6 of the Nine Mile Point 2 Safety Evaluation Report:

A. The following duplicate weld numbers are identified by the staff in relief request RR-IWB-6:

- (1) Weld number FWB20 appears on page 4 of 5 as a Pipe-to-Safe End weld. On page 5 of 5, the same weld number, FWB20, appears as a Pipe-to-Sweep-o-let weld.
- (2) Weld FWB10 appears twice on page 4 of 5.

The Applicant should review RR-IWB-6 and the other relief requests for duplicate weld numbers and configuration inconsistencies and provide the staff with a revised relief request submittal.

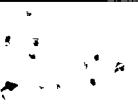
B. The following ten pipe-to-safe end extension welds appear in both Relief Request RR-IWB-6 and Relief Request RR-IWB-8:

WELD NUMBERS

2RCS-64-00-FWA17
2RCS-64-00-FWA18
2RCS-64-00-FWA19
2RCS-64-00-FWA20
2RCS-64-00-FWA21
2RCS-64-00-FWB17
2RCS-64-00-FWB18
2RCS-64-00-FWB19
2RCS-64-00-FWB20
2RCS-64-00-FWB21

Individual welds should not appear on more than one relief request for the following reason: In Relief Request RR-IWB-6, relief is requested from performing the Code-required ultrasonic examination from the safe end extension side of the weld due to the fitting configuration. This would lead the staff to believe, as indicated in RR-IWB-6, that at least 50% of the Code-required volume has been examined. Relief Request RR-IWB-8 requests relief from examining the same ten welds from the pipe side of the weld because of varying degrees of austenitic weld overlay. Again this would lead the staff to believe that the Code-required volumetric examination was at least partially completed. The combination of the two relief requests may mean that 0% of the Code-required examination was accomplished. In order for the staff to evaluate if relief is justified for the subject welds, the Applicant should include the individual welds in one relief request and include exactly what total percentage of the Code-required volumetric examination was completed.

In addition, the Applicant should verify that similar conditions do not exist with other welds or components listed in any of the Nine Mile Point Unit 2 relief requests.



- C. For weld number 2RHS-66-57-SW005, in Relief Request RR-IWC-8, the Basis for Relief states that the surface examinations of the subject weld can only be performed on a limited scope due to interference caused by the configuration of an adjacent flange. This relief request also states that the Code requirement for this weld is both a 100% surface and volumetric examination. It appears to the staff that if relief is requested for the Code-required surface examination, then relief would also be required for the Code-required volumetric examination. Provide clarification with regards to what Code-required PSI examinations have been or can be completed. Also, as a result of the conference call on May 16, 1986, provide written clarification with regards to what the correct weld number is for the subject weld.

III. Conclusion

The Applicant should submit the above requested information and/or clarifications in order to permit the staff review of the Nine Mile Point Nuclear Station Unit 2 to continue.

