

THE CINCINNATI GAS & ELECTRIC COMPANY



CINCINNATI, OHIO 45201

August 29, 1983
LOZ-83-0118

J. WILLIAMS, JR.
SENIOR VICE PRESIDENT
NUCLEAR OPERATIONS

Docket No. 50-358

U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Attention: Mr. J.G. Keppler
Regional Administrator

Dear Mr. Keppler:

RE: WM. H. ZIMMER NUCLEAR POWER STATION - UNIT 1
10CFR50.55(e), ITEM M-50, MASKING OF
RADIOGRAPHY BY INADEQUATE SURFACE PREPARATION
W.O. 57300, JOB E-5590, FILE NO. 956C, M-50

This letter requests the relaxation of the NRC November 12, 1982 "Order to Show Cause and Order Immediately Suspending Construction", (CLI-82-33), pursuant to Section IV.B(3), to allow the blend grinding of those welds with inadequate surface preparation to be performed at this time so that reradiography may be conducted. This letter also constitutes an interim report concerning the subject condition reported to the Commission as a reportable deficiency under the requirements of 10CFR50.55(e) and provides the status of the actions being taken to resolve the deficiency.

As indicated in our previous interim report, LOZ-83-0020, dated April 29, 1983, the review of all field weld piping radiographs has been completed. Of the 3,768 weld radiographs reviewed, 291 welds in nineteen piping systems have been identified as having surface conditions which could potentially mask rejectable discontinuities in the weld. The affected piping systems, and number of welds within each system, include:

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<u>SYSTEM</u>	<u>NO. OF WELDS*</u>
1. Cycled Condensate Storage (CY)	1
2. Diesel Generator (DG)	1
3. Fuel Pool Cooling and Cleanup (FC)	8
4. Feedwater (FW)	35
5. Feedwater Drains-Turbine Cycle (HD)	1
6. Primary Containment Combustion and Gas Control (HG)	4
7. High Pressure Core Spray (HP)	7
8. Low Pressure Core Spray (LP)	5
9. Main Steam (MS)	51
10. Nuclear Boiler (NB)	1
11. Off Gas (OG)	3
12. Residual Heat Removal (RH)	49
13. Reactor Building & Control Floor Drains to Radwaste (RF)	1
14. Reactor Core Isolation Cooling (RI)	8
15. Reactor Water Cleanup (RT)	3
16. Primary Containment Ventilation (VP)	2
17. Reactor Building Closed Cooling Water (WR)	56
18. Service Water (WS)	54
19. Solid Radwaste Reprocessing & Disposal (WX)	1

* The attached listing identifies each of the above welds by weld number, PSK drawing number, piping system line number, and applicable Nonconformance Report (NR) number.

Construction Work Authorization Request (CWAR) #192, Revision 1, has been prepared by CG&E to blend grind and reradiograph these 291 welds per the Nonconformance Report dispositions. The overall program to identify and control the blend grinding and reradiography will be accomplished in accordance with approved procedures. Those welds which fail the reradiographic examination will be identified on Nonconformance Reports for disposition and corrective action. The procedures, including the controls to be applied to assure compliance, are available for review by your site representatives.

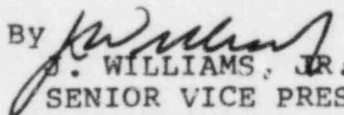
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Completion of these activities will permit CG&E to determine the status of the affected welds and identify those requiring rework. Accordingly, it is requested that CG&E be permitted to proceed as soon as possible with this blend grinding and reradiography program.

We trust this will be found acceptable as an interim report under 10CFR50.55(e) and would appreciate your approval of the above request for relaxation of the NRC November 12, 1982 "Order to Show Cause and Order Immediately Suspending Construction" (CLI-82-33).

Very truly yours,

THE CINCINNATI GAS & ELECTRIC COMPANY

By  J. WILLIAMS, JR.
SENIOR VICE PRESIDENT

RNT/sfr

ATTACHMENT

cc: NRC Office of Inspection & Enforcement
Washington, D.C. 20555
NRC Senior Resident Inspector
ATTN: T.P. Gwynn
NRC Zimmer Project Inspector, Region III
ATTN: E. R. Schweibinz

1. The following welds, identified during the radiographic film review conducted per the corrective actions for 10CFR50.55(e) items M-22 and M-50, have surface indications which could mask rejectable discontinuities. These welds require blend grinding and reradiography per Construction Work Authorization Request (CWAR) #191, Revision 1.

<u>Weld No.</u>	<u>PSK No.</u>	<u>Line No.</u>	<u>CG&E NR No.</u>
CY-101	1CY-7	1CY03DA16-72	Q-QAD-83-1120-E
DG-K58	1DG-13	1DG14AB8	Q-QAD-83-0390-E
FC-6	1FC-14	1FC01B12	Q-QAD-83-0390-E
FC-23	1FC-16	1FC02AB8	Q-QAD-83-0390-E
FC-29A	1FC-18	1FC02AB8	Q-QAD-83-1998-E
FC-2	1FC-14	1FC01CB10	Q-QAD-82-4304-E
FC-40	1FC-22	1FC09AA8	Q-QAD-83-0390-E
FC-41	1FC-22	1FC09B8	Q-QAD-83-1120-E
FC-64A	1FC-24	1FC09AB8-42	CAR 83-25
FC-121	1FC-36	1FC20B10	*Q-QAD-82-4775-E
			*(Q-QAD-83-1998-E)
FW-1	1FW-26	1FW01DB23.83	*Q-QAD-83-4763-E
			*(Q-QAD-83-2008-N)
FW-2	1FW-26	1FW01DB23	Q-QAD-83-0390-E
FS-3	1FW-26	1FW01CB16.95	*Q-QAD-82-4772-E
			*(Q-QAD-83-2008-N)
FW-5	1FW-26	1FW01DA23.83	Q-QAD-83-2008-N
FW-6	1FW-26	1FW01DA23.83	Q-QAD-83-2008-N
FW-7	1FW-26	1FW01DA23.83	Q-QAD-83-2008-N
FW-10	1FW-26	1FW01DA23.83	*Q-QAD-83-4771-E
			*(Q-QAD-83-2008-N)
FW-14	1FW-27	1FW01AB19.3	Q-QAD-83-2008-N
FW-15	1FW-27	1FW01AB19	Q-QAD-83-1120-E
FW-16	1FW-27	1FW01AB19	Q-QAD-83-1120-E
FW-22	1FW-27	1FW01AA19.30	Q-QAD-83-1120-E
FW-23	1FW-27	1FW01AA19.30	Q-QAD-83-1120-E
FW-24	1FW-27	1FW01AA19.30	Q-QAD-83-1120-E
FW-28	1FW-26	1FW20A13	Q-QAD-83-1120-E
FW-36	1FW-28	1FW20A13	Q-QAD-83-1120-E
FW-37	1FW-28	1FW21AB13	Q-QAD-83-1120-E
FW-43	1FW-31	1FW03A19.30	Q-QAD-83-1120-E
FW-44	1FW-30	1FW02C23	Q-QAD-83-1120-E
FW-48	1FW-29	1FW02A16	Q-QAD-83-1120-E
FW-65	1FW-29	1FW02DB16	Q-QAD-83-1120-E
FW-79	1FW-31	1FW02C23	Q-QAD-83-1120-E
FW-80	1FW-31	1FW02AA23.83	Q-QAD-83-1120-E
FW-81	1FW-31	1FW02AA23.83	Q-QAD-83-1120-E
FW-83	1FW-31	1FW02AB23	Q-QAD-83-1120-E
FW-84	1FW-31	1FW02AB23	Q-QAD-83-1120-E
FW-85	1FW-31	1FW02BB16	Q-QAD-83-1120-E
FW-86	1FW-32	1FW04AB11	Q-QAD-83-0390-E
FW-103	1FW-33	1FW04AA11	Q-QAD-83-1120-E
FW-109	1FW-34	1FW05AB13.94	Q-QAD-83-1120-E

* Weld identified on more than one NR.

<u>Weld No.</u>	<u>PSK No.</u>	<u>Line No.</u>	<u>CG&E NR No.</u>
FW-113	1FW-34	1FW05A13	Q-QAD-83-1120-E
FW-116A	1FW-34	1FW05A13.94	Q-QAD-83-1120-E
FW-116B	1FW-34	1FW05A13.94	Q-QAD-83-1120-E
FW-119	1FW-26	1FW03A19.30	Q-QAD-83-1120-E
FW-K54	1FW-27	1FW01AA19.3	Q-QAD-83-2008-N
FW-K55	1FW-27	1FW01AB19.3	Q-QAD-83-2008-N
HG-K43	1HG-10	1HG03A4	Q-QAD-83-0390-E
HG-K71	1HG-13	1HG07A4	Q-QAD-83-0390-E
HG-K78	1HG-13	1HG07A4	Q-QAD-83-0390-E
HG-K210	1HG-13	1HG07A4	Q-QAD-83-0390-E
HD-468A	1HD-52	1HD20AB18	Q-QAD-83-1120-E
HP-5	1HP-1	1HP1E22F002	Q-QAD-83-1120-E
HP-14	1HP-2	1HP1E22F024	Q-QAD-83-1120-E
HP-18	1HP-5	1HP03A14	Q-QAD-83-0390-E
HP-22	1HP-2	1HP03A14-11	Q-QAD-83-0390-E
HP-K24	1HP-7	1HP21A4	Q-QAD-83-0390-E
HP-K36	1HP-4	1HP17B3	Q-QAD-83-1120-E
HP-37	1HP-2	1HP03A14	Q-QAD-83-0390-E
LP-2	1LP-3	1LP02B10-1	Q-QAD-83-1120-E
LP-3	1LP-3	1LP02B10	Q-QAD-83-0390-E
LP-K11	1LP-19	1LP14B3	Q-QAD-83-0390-E
LP-12	1LP-11	1LP02A12	Q-QAD-83-1120-E
LP-22	1LP-12	1LP02A12-16	Q-QAD-83-0390-E
MS-7	1MS-5	1MS01BB24	Q-QAD-82-4260-E
MS-11	1MS-1	1MS01BA24	Q-QAD-82-0390-E
MS-16	1MS-4	1MS01BA24	Q-QAD-82-0390-E
MS-25	1MS-3	1MS01BD24	Q-QAD-83-0390-E
MS-34	1MS-2	1MS01BC24	Q-QAD-83-0390-E
MS-54	1MS-15	1MS26AB10	Q-QAD-83-0390-E
MS-60	1MS-15	1MS26AB10	Q-QAD-83-0390-E
MS-61	1MS-15	1MS26AB10	Q-QAD-83-0390-E
MS-68	1MS-15	1MS26AB10	Q-QAD-83-0390-E
MS-70	1MS-12	1MS26AA10	Q-QAD-83-0390-E
MS-71	1MS-12	1MS25AA10	Q-QAD-83-0390-E
MS-73A	1MS-12	1MS26AA10	Q-QAD-83-0390-E
MS-77	1MS-12	1MS26AA10	Q-QAD-82-4295-E
MS-78	1MS-12	1MS26AA10	Q-QAD-82-4296-E
MS-99	1MS-10	1MS32AA8	Q-QAD-82-4297-E
MS-122	1MS-42	1MS10AA10-87	Q-QAD-83-0390-E
MS-123	1MS-42	1MS10AA10	Q-QAD-83-0390-E
MS-124	1MS-42	1MS10AA10	Q-QAD-83-0390-E
MS-128	1MS-40	1MS08AB10	Q-QAD-83-0390-E
MS-131	1MS-34	1MS08AA10	Q-QAD-83-0390-E
MS-132	1MS-34	1MS08AA10	Q-QAD-83-0390-E
MS-133	1MS-34	1MS08AA10	Q-QAD-83-0390-E
MS-136	1MS-39	1MS07AB10	Q-QAD-83-0390-E
MS-137	1MS-39	1MS07AB10	Q-QAD-83-0390-E
MS-139	1MS-41	1MS09AA10	Q-QAD-83-0390-E
MS-139A	1MS-41	1MS09AA10	Q-QAD-83-0390-E
MS-140	1MS-41	1MS09AA10	Q-QAD-83-1120-E
MS-142	1MS-29	1MS09AA10	Q-QAD-83-0390-E

<u>Weld No.</u>	<u>PSK No.</u>	<u>Line No.</u>	<u>CG&E NR No.</u>
RH-257	1RH-42	1RH04AA14	Q-QAD-83-0390-E
RH-239	1RH-42	1RH04AA14	Q-QAD-83-0390-E
RH-251	1RH-60	1RH04AB14	Q-QAD-83-0390-E
RH-252	1RH-60	1RH04AB14	Q-QAD-83-0390-E
RH-254	1RH-60	1RH04AB14-148	Q-QAD-83-0390-E
RH-257	1RH-61	1RH04AB14	Q-QAD-83-0390-E
RH-258	1RH-14	1RH04AB14	Q-QAD-83-0390-E
RH-258A	1RH-61	1RH04AB14	Q-QAD-83-0390-E
RH-259	1RH-61	1RH04AB14	Q-QAD-83-0390-E
RH-269	1RH-14	1RH09B10-158	Q-QAD-83-0390-E
RH-276	1RH-46	1RH09A14	Q-QAD-83-0390-E
RH-277	1RH-46	1RH09A14	Q-QAD-83-1120-E
RH-278A	1RH-46	1RH09A14	Q-QAD-83-0390-E
RH-279	1RH-46	1RH09A14	Q-QAD-83-0390-E
RH-284	1RH-45	1RH09A14	Q-QAD-83-0390-E
RH-286	1RH-45	1RH09A14	Q-QAD-83-0390-E
RH-370	1RH-54	1RH53A12	Q-QAD-83-0390-E
RH-376	1RH-31	1RH15AA10	Q-QAD-83-0390-E
RH-385	1RH-55	1RH33A12	Q-QAD-83-0390-E
RH-386	1RH-55	1RH38A12	Q-QAD-83-0390-E
RH-390	1RH-55	1RH38A12	Q-QAD-83-0390-E
RH-391	1RH-34	1RH06AB14	Q-QAD-83-0390-E
RH-393B	1RH-56	1RH69B4	Q-QAD-83-0390-E
RH-439	1RH-30	1RH06AA14	Q-QAD-83-0390-E
RH-K283	1RH-45	1RH17B4	Q-QAD-83-1120-E
RH-K269	1RH-27	1RH50A3	Q-QAD-83-1120-E
RF-K80	1RF-1	1RF20D3	Q-QAD-83-1998-E
RI-K14	1RI-5	1RI01B4	Q-QAD-82-4311-E
RI-22	1RI-2	1RI20A6	Q-QAD-83-0390-E
RI-22A	1RI-21	1RI20A6-19	Q-QAD-83-0390-E
RI-38	1RI-13	1RI19A6	Q-QAD-83-0390-E
RI-39	1RI-10	1RI19A6-13	Q-QAD-83-0390-E
RI-43	1RI-3	1RI18A6	Q-QAD-83-0390-E
RI-46	1RI-4	1RI02A8	Q-QAD-83-1120-E
RI-47	1RI-11	1RI20C4	Q-QAD-83-0390-E
RT-K21	1RT-6	1RT633B001	Q-QAD-83-0390-E
RT-K22	1RT-6	1RT633B001	Q-QAD-83-0390-E
RT-57	1RT-6	1RT02B4	Q-QAD-83-0390-E
VP-K241	1VP-2	1VP03CB8	Q-QAD-83-0390-E
VP-K250	1VP-3	1VP02BA8	Q-QAD-83-0390-E
WR-K32	1WR-35	1WR08A8	Q-QAD-83-0390-E

<u>Weld No.</u>	<u>PSK No.</u>	<u>Line No.</u>	<u>CG&E NR No.</u>
MS-143	1MS-43	1MS07AA10	Q-QAD-83-0390-E
MS-144	1MS-43	1MS07AA10	Q-QAD-83-0390-E
MS-146	1MS-33	1MS08AC10	Q-QAD-83-0390-E
MS-147	1MS-33	1MS08AC10	Q-QAD-83-0390-E
MS-148	1MS-33	1MS08AC10	Q-QAD-83-1120-E
MS-150	1MS-35	1MS07AD10	Q-QAD-83-0390-E
MS-150A	1MS-35	1MS07AD10	Q-QAD-83-0390-E
MS-154A	1MS-36	1MS08AD10	Q-QAD-83-0390-E
MS-155	1MS-36	1MS08AD10	Q-QAD-82-4300-E
MS-157	1MS-45	1MS07AC10	Q-QAD-83-0390-E
MS-157A	1MS-45	1MS07AC10	Q-QAD-83-0390-E
MS-158	1MS-45	1MS07AC10	Q-QAD-83-0390-E
MS-161A	1MS-44	1MS10AB10	Q-QAD-83-0390-E
MS-162	1MS-44	1MS10AB10	Q-QAD-83-0390-E
MS-164	1MS-40	1MS09AB10	Q-QAD-83-0390-E
MS-164A	1MS-38	1MS09AB10	Q-QAD-83-0390-E
MS-165	1MS-38	1MS09AB10	Q-QAD-83-0390-E
MS-168	1MS-37	1MS11A10	Q-QAD-83-0390-E
MS-168A	1MS-37	1MS11A10	Q-QAD-83-0390-E
MS-198	1MS-20A	1MS07AA10	Q-QAD-83-0390-E
MS-375A6	1MS-375	1MS40AA1.5	Q-QAD-83-0390-E
MS-K457	1MS-26A	1MS08BA12	Q-QAD-83-1120-E
MS-K483	1MS-43	1MS07AA10	Q-QAD-83-1120-E
NB-34J4	1NB-34	1NB02A2	Q-QAD-83-1120-E
OG-12	1OG-3	1OG04A4	Q-QAD-83-0390-E
OG-22	1OG-3	1OG03AA4	Q-QAD-83-0390-E
OG-23	1OG-4	1OG04A4	Q-QAD-83-0390-E
RH-28	1RH-24	1RH01DB16	Q-QAD-83-0390-E
RH-29	1RH-24	1RH01DB16	Q-QAD-83-0390-E
RH-40	1RH-26	1RH02BA20	Q-QAD-82-4309-E
RH-43	1RH-26	1RH01C18	Q-QAD-83-0390-E
RH-88	1RH-65	1RH07AA112	Q-QAD-83-0390-E
RH-89	1RH-57	1RH06AA14	Q-QAD-83-0390-E
RH-91	1RH-30	1RH06AA14	Q-QAD-83-0390-E
RH-K34	1RH-10	1RH10AA4	Q-QAD-83-1120-E
RH-111	1RH-31	1RH09AA10	Q-QAD-83-0390-E
RH-114	1RH-31	1RH08AA10	Q-QAD-83-0390-E
RH-114A	1RH-31	1RH08AA10	Q-QAD-83-0390-E
RH-145	1RH-13	1RH07BB10	Q-QAD-83-0390-E
RH-146	1RH-13	1RH07BB14	Q-QAD-83-1998-E
RH-151	1RH-34	1RH06AB14	Q-QAD-83-0390-E
RH-153	1RH-34	1RH06AB14	Q-QAD-83-0390-E
RH-157	1RH-34	1RH06AB14	Q-QAD-83-0390-E
RH-181A	1RH-60	1RH05AB14	Q-QAD-83-0390-E
RH-184	1RH-35	1RH12A8	Q-QAD-83-0390-E
RH-196B	1RH-36	1RH12A8	Q-QAD-83-0390-E
RH-196C	1RH-36	1RH12A8	Q-QAD-83-0390-E
RH-197	1RH-35	1RH12A8	Q-QAD-83-0390-E
RH-233	1RH-43	1RH04AA14	Q-QAD-83-0390-E
RH-234	1RH-43	1RH04AA14	Q-QAD-83-1998-E

<u>Weld No.</u>	<u>PSK No.</u>	<u>Line No.</u>	<u>CG&E NR No.</u>
WR-K35	1WR-35	1WR08A8	Q-QAD-83-0390-E
WR-K37	1WR-35	1WR08A8	Q-QAD-83-0390-E
WR-K38	1WR-35	1WR08A8	Q-QAD-83-0390-E
WR-K69	1WR-13	1WR20C8	Q-QAD-83-0390-E
WR-75	1WR-6	1WR54C12	Q-QAD-83-0390-E
WR-78	1WR-11	1WR54C12-53	Q-QAD-83-0390-E
WR-80	1WR-11	1WR54EA14	Q-QAD-83-0390-E
WR-K80	1WR-14	1WR20C8	Q-QAD-83-0390-E
WR-81	1WR-11	1WR54FB12	Q-QAD-83-0390-E
WR-82	1WR-11	1WR54EA14	Q-QAD-83-0390-E
WR-83	1WR-11	1WR54FB12	Q-QAD-83-0390-E
WR-118A	1WR-1	1WR73D6	Q-QAD-83-0390-E
WR-195A	1WR-28	1WR02AB12-144	Q-QAD-83-0390-E
WR-196	1WR-28	1WR02AB12	Q-QAD-83-0390-E
WR-197	1WR-28	1WR02AB12	Q-QAD-83-0390-E
WR-198	1WR-28	1WR02AA12	*Q-QAD-83-0390-E * (Q-QAD-83-1120-E)
WR-199	1WR-28	1WR02AA12	Q-QAD-83-0390-E
WR-200	1WR-28	1WR02B14	Q-QAD-83-0390-E
WR-203	1WR-28	1WR02B14	Q-QAD-83-0390-E
WR-207A	1WR-28	1WR02B14-151	Q-QAD-83-0390-E
WR-208	1WR-27	1WR01B14	Q-QAD-83-0390-E
WR-210	1WR-27	1WR01B14	Q-QAD-83-0390-E
WR-211	1WR-27	1WR01B14	Q-QAD-83-0390-E
WR-215	1WR-27	1WR01B14	Q-QAD-83-0390-E
WR-219	1WR-26	1WR01AB12	Q-QAD-83-0390-E
WR-221	1WR-26	1WR01AB12	Q-QAD-83-0390-E
WR-223	1WR-26	1WR01AA12	Q-QAD-82-4314-E
WR-225	1WR-26	1WR01AA12	Q-QAD-82-0390-E
WR-230	1WR-26	1WR03A14	Q-QAD-83-0390-E
WR-235	1WR-27	1WR04A14	Q-QAD-83-0390-E
WR-236	1WR-31	1WR06A14	Q-QAD-83-0390-E
WR-236A	1WR-31	1WR06A14	Q-QAD-83-0390-E
WR-238	1WR-31	1WR06A14	Q-QAD-83-0390-E
WR-265	1WR-31	1WR07A14	Q-QAD-83-0390-E
WR-268	1WR-31	1WR07A14	Q-QAD-83-0390-E
WR-271	1WR-33	1WR02A14	Q-QAD-83-0390-E
WR-275A	1WR-34	1WR07A14	Q-QAD-83-0390-E
WR-276	1WR-34	1WR07A14	Q-QAD-83-0390-E
WR-277	1WR-34	1WR07A14	Q-QAD-83-0390-E
WR-287	1WR-34	1WR40B12	Q-QAD-83-4315-E
WR-295	1WR-33	1WR07A14	Q-QAD-83-0390-E
WR-K317	1WR-35	1WR08A8	Q-QAD-83-0390-E
WR-337	1WR-42	1WR05A14-249	CAR 83-25
WR-338	1WR-42	1WR05A14	Q-QAD-83-0390-E
WR-339	1WR-42	1WR05A14	Q-QAD-83-0390-E
WR-350	1WR-42	1WR05D10	Q-QAD-83-0390-E
WR-390	1WR-44	1WR11D14	Q-QAD-83-0390-E
WR-391	1WR-44	1WR11EB12-283	Q-QAD-83-0390-E
WR-392	1WR-44	1WR11D14	Q-QAD-83-0390-E
WR-392A	1WR-44	1WR11DA14	Q-QAD-83-0390-E
WR-393	1WR-44	1WR11EA12	Q-QAD-83-0390-E
WR-407B	1WR-44	1WR11D14	Q-QAD-83-0390-E
WR-K489	1WR-1	1WR73C6	Q-QAD-83-0390-E

* Weld identified on more than one NR.

<u>Weld No.</u>	<u>PSK No.</u>	<u>Line No.</u>	<u>CG&E NR No.</u>
WR-K616	1WR-17	1WR76E6	Q-QAD-83-0390-E
WR-K816	1WR-34	1WR44A6	Q-QAD-83-0390-E
WS-K5	1WS-42	1WS01AA30	Q-QAD-82-4323-E
WS-K6	1WS-42	1WS01AB30	Q-QAD-82-4324-E
WS-K7	1WS-43	1WS01AC30	Q-QAD-82-4325-E
WS-K8	1WS-43	1WS01AB30	Q-QAD-82-4292-E
WS-15A	1WS-35	1WS13B14	Q-QAD-83-0390-E
WS-16	1WS-37	1WS09HB2	Q-QAD-83-0390-E
WS-K16	1WS-92	1WS39B18	Q-QAD-83-0390-E
WS-20	1WS-36	1WS02J14	Q-QAD-83-0390-E
WS-21	1WS-27	1WS12A14	Q-QAD-83-0390-E
WS-18	1WS-37	1WS09HA24	Q-QAD-83-1120-E
WS-24	1WS-27	1WS02J14	Q-QAD-83-0390-E
WS-30	1WS-27	1WS02H18	Q-QAD-83-0390-E
WS-31	1WS-29	1WS02H18	Q-QAD-83-0390-E
WS-34	1WS-28	1WS02H18	Q-QAD-83-0390-E
WS-43	1WS-34	1WS15D24	Q-QAD-83-0390-E
WS-43A	1WS-34	1WS15E24	Q-QAD-83-0390-E
WS-44	1WS-34	1WS15D24	Q-QAD-83-0390-E
WS-45	1WS-31	1WS15E24	Q-QAD-83-0390-E
WS-47	1WS-31	1WS15A18	Q-QAD-83-0390-E
WS-53A	1WS-31	1WS15A18	Q-QAD-83-0390-E
WS-57	1WS-26	1WS16A14	Q-QAD-83-0390-E
WS-58	1WS-26	1WS16A14	Q-QAD-83-0390-E
WS-60	1WS-32	1WS17A18	Q-QAD-83-0390-E
WS-62A	1WS-32	1WS17A18	Q-QAD-83-0390-E
WS-63C	1WS-32	1WS17A18	Q-QAD-83-0390-E
WS-63D	1WS-32	1WS17A18	Q-QAD-83-0390-E
WS-63H	1WS-32	1WS17A18	Q-QAD-83-0390-E
WS-64B	1WS-32	1WS17A18	Q-QAD-83-0390-E
WS-68B	1WS-33	1WS13AA14	Q-QAD-83-0390-E
WS-314	1WS-26	1WS16A14	Q-QAD-83-0390-E
WS-315	1WS-30	1WS18A18	Q-QAD-83-0390-E
WS-316	1WS-29	1WS02CA24	Q-QAD-83-0390-E
WS-316A	1WS-29	1WS02CA24	Q-QAD-83-0390-E
WS-500	1WS-44	1WS40A24	Q-QAD-83-0390-E
WS-503	1WS-42	1WS02BA30	Q-QAD-83-0390-E
WS-505	1WS-42	1WS02BA30	Q-QAD-83-0390-E
WS-506	1WS-40	1WS02BA30	Q-QAD-82-4317-E
WS-507	1WS-41	1WS02BB30	Q-QAD-82-4318-E
WS-508	1WS-43	1WS02BB30	Q-QAD-82-4319-E
WS-508A	1WS-43	1WS02AD24	Q-QAD-83-0390-E
WS-508B	1WS-43	1WS02BB30	Q-QAD-82-4320-E
WS-510	1WS-43	1WS02BB30	Q-QAD-83-0390-E
WS-510A	1WS-43	1WS02AC24	Q-QAD-83-0390-E
WS-510B	1WS-43	1WS02MC16	Q-QAD-83-0390-E
WS-511	1WS-41	1WS02BB30	Q-QAD-83-0390-E
WS-512	1WS-41	1WS02CB30	Q-QAD-83-0390-E
WS-514A	1WS-42	1WS02AB24	Q-QAD-83-0390-E
WS-514B	1WS-42	1WS02MB16	Q-QAD-83-0390-E
WS-515	1WS-41	1WS02KB30	Q-QAD-83-0390-E

<u>Weld No.</u>	<u>PSK No.</u>	<u>Line No.</u>	<u>CG&E NR No.</u>
WS-518	1WS-40	1WS02CA30	Q-QAD-83-0390-E
WS-520A	1WS-42	1WS02AA24	Q-QAD-83-0390-E
WS-520B	1WS-42	1WS02MA16	Q-QAD-83-0390-E
WS-521	1WS-40	1WS02KA30	Q-QAD-83-0390-E
WS-589A	1WS-40	1WS02BA30	Q-QAD-83-0390-E
WX-K315	1WX-42	1WX95A4	Q-QAD-83-2008-N

2. The following provides a summary, by system, of the welds requiring blend grinding and reradiography per CWAR #191, Revision 1.

<u>System</u>	<u>No. of Welds</u>
Cycled Condensate Storage (CY)	1
Diesel Generator (DG)	1
Fuel Pool Cooling and Cleanup (FC)	8
Feedwater (FW)	35
Feedwater Drains - Turbine Cycle (HD)	1
Primary Containment Combustion and Gas Control (HG)	4
High Pressure Core Spray (HP)	7
Low Pressure Core Spray (LP)	5
Main Steam (MS)	51
Nuclear Boiler (NB)	1
Off Gas (OG)	3
Residual Heat Removal (RH)	49
Reactor Building and Control Floor Drains to Radwaste (RF)	1
Reactor Core Isolation Cooling (RI)	8
Reactor Water Cleanup (RT)	3
Primary Containment Ventilation (VP)	2
Reactor Building Closed Cooling Water (WR)	56
Service Water (WS)	54
Solid Radwaste Reprocessing and Disposal (WX)	1

Totals: Systems - 19; No. of Welds - 291