PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4502

S. J. KOWALSKI
VICE-PRESIDENT
NUCLEAR ENGINEERING

GL 88-01

August 2, 1988

Docket Nos. 50-277
50-278

Mr. Frank J. Miraglia, Jr.
Associate Director for Projects
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

SUBJECT: Response to NRC Generic Letter 88-01, "NRC Position on IGSCC in BWR Austenitic Stainless Steel Piping" for Peach Bottom Atomic Power Station

Dear Mr. Miraglia:

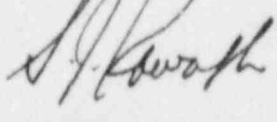
The subject Generic Letter which was received February 2, 1988, requires that licensees furnish to the NRC current plans relating to pipe replacement, inspection, repair and leakage detection, and to indicate if the licensee intends to follow the staff positions on Intergranular Stress Corrosion Cracking (IGSCC) which are addressed in the subject Generic Letter, or to propose alternative measures. The technical bases for the staff positions are detailed in NUREG 0313, Revision 2.

The Generic Letter delineated five items to be addressed in the response. These items are restated along with the Philadelphia Electric Company (PECo) response to each of these items. Additionally, the response is prefaced by a detailed description of the Peach Bottom components within the scope of Generic Letter 88-01.

Included in the response to Item 2 is a response to open item 50-278/88-08-02 which was identified in NRC Inspection Report Nos. 50-277/88-08 and 50-278/88-08 dated April 28, 1988.

If you have any questions or require additional information, please do not hesitate to contact us.

Very Truly yours,



A001
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Attachment

cc: Addressee
W. T. Russell, Administrator, Region I, USNRC
T. P. Johnson, USNRC Senior Resident Inspector
R. E. Martin, USNRC Project Manager
T. E. Magette, State of Maryland
J. Urban, Delmarva Power
J. T. Boettger, Public Service Electric & Gas
H. C. Schwemm, Atlantic Electric

COPY

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S. J. Kowalski

MCK:mls

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J. Urban, Delmarva Power
J. T. Boettger, Public Service Electric & Gas
H. C. Schwemm, Atlantic Electric

bcc: C. A. McNeill, Jr. - S26-1
J. S. Kemper - S25-1
S. J. Kowalski - S25-1
E. P. Fogarty - S7-1
E. J. Bradley - S23-1
D. R. Helwig - S7-1
D. M. Smith - PB
J. F. Franz - PB
G. F. Daebeler - PB
T. E. Cribbe - PB
A. J. Marie - N2-1
W. M. Alden/MCK - S7-1
J. T. Robb/ISED - S7-1
P. A. Tutton - N2-1
T. C. Hinkle - N2-1
J. A. Basilio - S10-1
Commitment Coordinator
DAC

COMMONWEALTH OF PENNSYLVANIA :

: ss.

COUNTY OF PHILADELPHIA :

S. J. Kowalski, being first duly sworn, deposes and says:

That he is Vice President of Philadelphia Electric Company, the Applicant herein; that he has read the foregoing response to Generic Letter 88-01 and knows the contents thereof; and that the statements and matters set forth therein are true and correct to the best of his knowledge, information and belief.

S. J. Kowalski

Vice President

Subscribed and sworn to
before me this 2nd day
of August 1988

Melanie R. Campanella

Notary Public

MELANIE R. CAMPANELLA
Notary Public, Philadelphia, Philadelphia Co.
My Commission Expires February 12, 1990

RESPONSE TO NRC GENERIC LETTER 88-01
PEACH BOTTOM ATOMIC POWER STATION 50-277/278

DESCRIPTION OF THE PEACH BOTTOM COMPONENTS WITHIN THE SCOPE OF NRC GENERIC LETTER 88-01

NRC Generic Letter 88-01 applies to piping system portions that meet the following criteria:

- o austenitic stainless steel,
- o four inches or larger in nominal diameter, and
- o contain reactor coolant at a temperature above 200°F during power operation.

The following piping systems have portions which meet these criteria and are therefore within the scope of NRC Generic Letter 88-01:

- o Reactor Recirculation System
- o Residual Heat Removal (RHR) System
- o Core Spray System
- o Reactor Water Clean-up (RWCU) System
- o Reactor Pressure Vessel (RPV) System

The NRC Generic Letter also applies to reactor vessel attachments and appurtenances such as jet pump instrumentation penetration assemblies, and head spray and vent components.

The following Reactor Vessel attachments and appurtenances have portions which are within the scope of NRC Generic Letter 88-01:

- o Reactor Vessel Stainless Steel Safe-Ends

The following is a detailed definition of the NRC Generic Letter 88-01 scope for Peach Bottom:

Reactor Recirculation System (loops A and B)

Reference: PBAPS 2 & 3
P&ID's M-353-16 sheets 1 through 4

Scope:

- o 28" nominal pipe size (NPS) Reactor Recirculation Pumps A and B suction piping, from the welds joining the RPV N1 nozzle to safe-end welds, through and including piping up to the Recirculation Pump suction nozzle welds.
- o 28" NPS Reactor Recirculation Pumps A and B discharge piping, from the pipe to Recirculation Pump discharge nozzle welds, through the 22" NPS headers and including the 12" NPS piping, from the headers, to the RPV N2 nozzle to safe-end welds.
- o Connections to the 20" NPS RHR piping on the A pump suction piping, and to the 24" NPS RHR piping on the A and B pump discharge piping, are also within the scope.

Residual Heat Removal System

Reference: PBAPS 2 & 3
P&ID's M-361-30 sheets 1 through 4

Scope:

- 20" NPS RHR supply piping, from the connection at the A loop Reactor Recirculation Pump suction line, up to normally closed inboard containment isolation valve MO-18.
- RHR piping beyond valve MO-18 is below 200°F during reactor power operation and is therefore not within the scope of this response.
- 24" NPS RHR return piping, from check valves AO-46A and B, to the Reactor Recirculation Pump A and B discharge piping.
- RHR piping beyond valves AO-46A and B is below 200°F during reactor power operation and is therefore not within the scope of this response.
- 6" NPS Reactor Vessel head spray piping (PBAPS 2 only), from valve MO-32, to the Reactor Vessel head spray flange. This piping is scheduled for removal during the next refueling outage.

Core Spray System

Reference: PBAPS 2 & 3
P&ID's M-362-32 sheets 1 and 2

Scope:

- 12" NPS Core Spray supply piping, from valves 14A and B, to 10" NPS Reactor Vessel N5 nozzle to safe-end welds.
- The Core Spray piping beyond valves 14A and B is below 200°F during reactor power operation and therefore not within the scope of this response.

Reactor Water Clean-Up System

Reference: PBAPS 2 & 3
P&ID's M-354-23 sheets 1 and 2

Scope:

- RWCU 6" NPS piping, from the connection at the RHR Pump suction piping, thru primary containment penetration N-14, and up to 6" x 3" reducers in RWCU pump suction header.
- RWCU 4" NPS piping, from 4" x 3" reducers in RWCU pump discharge header, to the tube side inlet of the regenerative heat exchanger.
- RWCU 4" NPS piping from the tube side outlet of the Regenerative heat exchanger, to the tube side inlets of the non-regenerative heat exchangers.
- RWCU 4" NPS return piping, from the shell side outlet of the regenerative heat exchanger, to RWCU check valve 62 (just prior to returning to the Feedwater System).

Reactor Pressure Vessel System (Jet Pump Instrumentation)

Reference: PBAPS 2 & 3
P&ID's M-352-23 Sheet 1 of 4

Scope:

- Jet pump instrumentation penetration seal to safe-end welds. These welds are associated with the N8 RPV nozzles for Unit 2. The Unit 3 safe-ends and penetration seals are one piece forgings that do not have a safe-end to penetration seal weld.

Reactor Vessel Stainless Steel Safe-Ends

The RPV attachments and appurtenances within the scope of this response are limited to stainless steel safe-ends attached to RPV nozzles.

Scope:

- The stainless steel safe-ends attached to RPV nozzles N1, N2, N5, N8, N9, N10, N11, N12 and N16.

RESPONSE TO ITEMS IN GL 88-01

ITEM 1 OF NRC GENERIC LETTER 88-01

"Your current plans regarding pipe replacement and/or other measures taken or to be taken to mitigate IGSCC and provide long term assurance of continued long term piping integrity and reliability."

RESPONSE TO ITEM 1

The focus of the IGSCC mitigation program at Peach Bottom is to replace susceptible piping with resistant material. Other mitigation measures include water chemistry control, inspections and leakage detection. No stress improvement is presently planned for piping that has not been replaced. The status of the pipe replacements and water chemistry program are described below. Details concerning the augmented inspection program and leakage detection program are discussed in this response under their applicable NRC Generic Letter 88-01 item numbers.

Status of the Piping Replacement Program for NRC Generic Letter 88-01 Scope Piping at PBAPS 2 & 3

The following provides the status of the PBAPS piping replacements. In addition to describing the status of replaced piping, the current status of non-replaced piping is also provided.

The selection of NRC Generic Letter 88-01 IGSCC categories resulted from thoroughly researching currently available documentation containing piping and welding characteristics applicable to IGSCC resistance.

The information necessary to determine IGSCC resistance has been partially indeterminable for a limited number of cases (e.g. delta ferrite, ASTM A262-A testing, etc.). IGSCC categories for these welds have been selected by comparing characteristics of similar welds of known composition, applying typical or average characteristics to known materials, and performing a metallurgical assessment from experience obtained through the pipe replacement effort. Additionally, changes in IGSCC categories due to future mitigation efforts or availability of additional information will be appropriately reflected in the Peach Bottom ISI program.

Reactor Recirculation System - PBAPS 2:

- The suction and discharge piping in both of the recirculation loops has been replaced with Type 316 controlled chemistry stainless steel. This material has a low carbon content (less than 0.02%) and contains added nitrogen for strength. The piping material meets the requirements specified in General Electric (GE) document E50YP11 for intergranular attack control and was solution heat treated after shop welding. Field welds contain a minimum of 8.0FN and a maximum carbon content of 0.02%. All weldments in this piping are therefore Category A.
- The ten recirculation N2 inlet nozzle safe-ends have been replaced with single forging Type 316 controlled chemistry stainless steel incorporating a design that eliminates a creviced region. The weld material for the ten N2 nozzle to safe-end welds has been determined to be ER308L/ER309L with a minimum ferrite reading of 8.0FN. These ten welds are therefore Category A.
- The four safe-end forgings for the RPV N1 nozzles have not been determined to be in conformance with the Staff Position on Materials. One of these welds was inspected by examiners and procedures in conformance with Staff Recommendations

on Inspection Methods and Personnel and was found to be free of cracks, and is therefore Category D. The remaining three welds are Category G.

Residual Heat Removal System - PBAPS 2:

- The RHR piping described in the scope statement has been replaced with Nuclear Grade Type 316 controlled chemistry stainless steel. This material has a low carbon content (less than 0.02%) and contains added nitrogen for strength. The material has been tested in accordance with Practice A of ASTM A262-81 and was solution heat treated after shop welding. Field welds contain a minimum of 8.0FN and a maximum carbon content of 0.02%. Therefore, all weldments in this piping are Category A.

Core Spray System - PBAPS 2:

- The Core Spray piping described in the scope statement was replaced with Type 316L stainless steel with a maximum carbon content of 0.02%. All weld material in this piping is E308L. The delta ferrite content has not been determinable for all cases. However, all of the confirmed ferrite numbers have been above 8FN. According to the process for selecting IGSCC categories discussed previously in this response, Philadelphia Electric considers all 100 welds in this piping to be Category A.
- The four RPV nozzle N5 safe-end forgings and the nozzle to safe-end weld material are not conforming. Two of these welds were inspected by examiners and procedures in conformance with Staff Recommendations on Inspection Methods and Personnel and were found to be free of cracks, and are therefore Category D. The remaining two welds are Category G.

Reactor Water Clean-Up System - PBAPS 2:

- The RWCU piping from the connection at the RHR pump suction piping, up to the downstream weld on the last elbow prior to primary containment penetration N-14, has been replaced with Type 316L stainless steel. The complete weld material composition has not been determinable in all cases. However, all of the confirmed weld material in this piping is E308L. According to the process for selecting IGSCC categories discussed previously in this response, Philadelphia Electric considers all 14 weldments in this piping to be Category A.
- Piping from the downstream weld on the last elbow prior to primary containment penetration N-14 and connected piping to a point just downstream of containment isolation valve MO-18 has been replaced with Nuclear Grade Type 316 controlled chemistry stainless steel. This material has a low carbon content (less than 0.02%) and contains added nitrogen for strength. The material has been tested in accordance with Practice A of ASTM A262-81 and was solution heat treated after shop welding. Field welds contain a minimum of 8.0FN and a maximum carbon content of 0.02%. All weldments in this piping (7 welds between the isolation valves, 1 weld downstream of the outboard isolation valve) are therefore Category A.
- The balance of the 4" RWCU piping downstream of the outboard isolation valve and remaining RWCU piping described in the scope statement are not in conformance with the Staff Position on Materials. All 95 welds in this piping are presently Category G.

Reactor Pressure Vessel System (Jet Pump Instrumentation) - PBAPS 2:

- The two Jet Pump Instrumentation penetration seal forgings have been replaced with Nuclear Grade Type 316 controlled chemistry stainless steel. This material has a low carbon content (less than 0.02%) and contains added nitrogen

for strength. The material has been tested in accordance with Practice A of ASTM A262-81. The two safe-end to penetration seal welds contain a minimum of 8.0FN and a maximum carbon content of 0.02%. The safe-end forgings are also low carbon (C = 0.023%). Therefore these two safe-end to penetration seal weldments are Category A.

Reactor Recirculation System - PBAPS 3:

- The suction and discharge piping in both of the recirculation loops has been replaced with Nuclear Grade Type 316 controlled chemistry stainless steel. The piping material meets the requirements specified in GE document E50YP11 for integranular attack control and was solution heat treated after shop welding. Field welds contain a minimum of 8.0FN and a maximum carbon content of 0.02%. All weldments in this piping are therefore Category A.
- The ten RPV N2 inlet nozzle safe ends and the two RPV N1 nozzle safe ends have been replaced with Type 316 nuclear grade forgings that are in conformance with the Staff Position on Materials. The nozzle to safe-end weld butter is inconel 182 clad with inconel 82 or it has been replaced with Type 309L or Type 309L/308L butter combination followed by a local post weld heat treatment of the nozzle. These welds are therefore Category A.

Residual Heat Removal - PBAPS 3:

- The RHR piping described in the scope statement has been replaced with Nuclear Grade Type 316 controlled chemistry stainless steel. This material has a low carbon content (less than 0.02%) and contains added nitrogen for strength. The material has been tested in accordance with Practice A of ASTM A262 and was solution heat treated after shop welding. Field welds contain a minimum of 8.0FN and a maximum carbon content of 0.02%. Therefore all weldments in this piping are Category A.

Core Spray System - PBAPS 3:

- The Core Spray piping described in the scope statement has been replaced with Type 316L stainless steel with a maximum carbon content of 0.02%. All weld material in this piping is E308L. The delta ferrite content has not been determinable in all cases. However, all of the confirmed ferrite numbers have been above 8FN. According to the process for selecting IGSCC categories discussed previously in this response, Philadelphia Electric considers all 91 weldments in this piping to be Category A.
- The two RPV N5 inlet nozzle safe ends have been replaced with Type 316 nuclear grade forgings. The nozzle to safe-end weld butter is inconel 182 clad with inconel 82 or it has been replaced with Type 309L or Type 309L/308L butter combination followed by a local post weld heat treatment of the nozzle. These four nozzle to safe-end welds are therefore Category A.

Reactor Water Clean-Up System - PBAPS 3:

- The RWCU piping, from the connection to the RHR pump suction piping, through to primary containment penetration N-14, has been replaced with Type 316L stainless steel. The complete weld material composition has not been determinable in all cases. However, all of the confirmed weld material in this piping is E308L. According to the process for selecting IGSCC categories discussed previously in this response, Philadelphia Electric considers all 18 weldments in this piping to be Category A.
- The 4" RWCU piping from primary containment penetration N-14, the penetration itself, and outboard piping from the penetration to the regenerative heat exchanger has been replaced with Nuclear Grade Type 316 controlled chemistry

stainless steel. This material has a low carbon content (less than 0.02%) and contains added nitrogen for strength. The material has been tested in accordance with Practice A of ASTM A262 and was solution heat treated after shop welding. Field welds contain a minimum of 8.0FN and a maximum carbon content of 0.02%. All weldments in this piping (2 upstream of the outboard isolation valve and 19 downstream) are therefore Category A.

- The balance of the 4" RWCU piping described in the scope statement has not been replaced and it does not meet the requirements of the Staff Position on Materials. All 77 welds in this piping are presently Category G.

Attachments and Appurtenances to the RPV - PBAPS 2 & 3:

- The safe-end material and nozzle to safe-end weld material for Recirculation System nozzles N1, N2 and Core Spray nozzle N5 was discussed in the preceding for each unit under the headings for the Recirculation and Core Spray Systems.
- The safe-end materials or nozzle to safe-end weld materials for Unit 2 nozzles N8, N9, N10, N11, N12 and N16 have not been determined to be in conformance with the Staff Positions. These welds are therefore Category G.
- The safe-end materials and nozzle to safe-end weld materials for Unit 3 nozzles N8 and N9 are Type 316 controlled chemistry stainless steel welded with low carbon weld material. The weld material contains a minimum of 8FN. These three welds are therefore Category A.
- The safe-end materials or nozzle to safe-end weld materials for Unit 3 nozzles N10, N11, N12 and N16 have not been determined to be in conformance with staff positions. These welds are therefore Category G.

Water Chemistry Control - PBAPS 2 & 3:

The PECo BWR water chemistry control program is detailed in Rev. 0 of Philadelphia Electric Company's "BWR Water Chemistry Control Program", dated December 11, 1987. The water chemistry control requirements in this program are in accordance with the BWR Owners' Group and Electric Power Research Institute (EPRI) Water Chemistry Guidelines, existing General Electric chemistry recommendations and INPO recommendations.

ITEM 2 OF NRC GENERIC LETTER 88-01

"An Inservice Inspection (ISI) Program to be implemented at the next refueling outage for austenitic stainless steel piping covered under the scope of this letter that conforms to the staff positions on inspection schedules, methods and personnel, and sample expansion included in this letter."

RESPONSE TO ITEM 2

Augmented ISI Plan for detecting IGSCC

The Augmented ISI Plan requirements for the individual Peach Bottom weldments within the scope of this NRC Generic Letter are given as Appendices A and B for PBAPS 2 & 3 respectively. These requirements will be integrated with the Inservice Inspection Program to be implemented at the next refueling outage. The information provided for each weld in the appendices includes the component identification, component description, system identification, and the applicable IGSCC Examination Category according to the requirements of Table 1 of NUREG 0313 Rev. 2. A weld categorization summary for each unit is provided as Tables 1 & 2 of this response.

NRC Inspection Report 50-277/88-08 and 50-278/88-08 dated April 28, 1988 requested that "...details of proposed subsequent testing of the Unit 2 RHR pipe penetration welds should be included in the response to NRC Generic Letter 88-01 which is due in July 1988." PECo's position is that the RHR piping beyond the inboard isolation valves (MO-18 and AO-46A, B) is not within the scope of this Generic Letter since the temperature beyond the valves has been determined to be below 200°F during reactor power operation. This position is supported by the lack of any IGSCC indications having been found in the destructive and nondestructive examinations conducted on the Unit 3 penetrations after they were removed for replacement. Therefore the inspection of the welds in the penetrations is considered to be adequately addressed under the normal ASME Section XI ISI program.

Inspection Schedules

The inspections will be performed at frequencies which will be in conformance with the Staff Position on Inspection Schedules for the piping welds within the scope of the NRC Generic Letter 88-01. The IGSCC categories for these welds are given in the tables contained in Appendices A and B for PBAPS 2 & 3. A weld count summary of these tables is provided for PBAPS 2 & 3 in Tables 1 & 2 of this response. The summary indicates the distribution of welds in each IGSCC Category for the scope systems.

Inspection Methods and Personnel

PECo is committed to complying with the NRC Staff positions on inspection methods and personnel as delineated in NRC Generic Letter 88-01. For ultrasonic testing (UT) inspectable ASME Class 1 and 2 welds, the IGSCC inspections will generally be performed in accordance with the requirements contained in the applicable edition and addenda of ASME Section XI for the ASME class of the weldment. For UT inspectable ASME Class 3 and non-class welds, the requirements in Section XI for Class 2 welds will apply. Details of the volumetric examination method may be upgraded as practical to ensure that the examinations will be effective.

The integrity of ASME Class 1, 2, and 3 welds that are not UT inspectable will be verified by the applicable ASME Section XI pressure test program. The integrity of non-ASME Class welds that are not UT inspectable will be verified by pressure tests in accordance with the requirements of Section XI Article IWB, IWC, or IWD-5000.

The Reactor Water Clean-up System outside of containment is the only system with significant portions within the scope of the Generic Letter that are presently considered to be UT uninspectable. The integrity of these welds will be verified by the pressure tests of Section XI Article IWB, IWC, or IWD-5000. The Peach Bottom pressure test procedures will be revised to incorporate this portion of the RWCU system.

The edition and addenda of ASME Section XI used for determining these requirements will be as dictated by paragraph (g) of 10CFR50.55a. The personnel performing the IGSCC volumetric inspections will be qualified for such inspections by a formal program approved by the NRC.

Sample Expansion

If one or more Category A, B, or C welds are found to be cracked, or if additional cracks or significant crack growth is discovered in a Category E weld during the interval, a sample expansion plan will be invoked. The sample expansion plan utilized will be as put forth in the Staff Position on Sample Expansion of NRC Generic Letter 88-01.

Categorization Summary

The following is a system by system summary resulting from the categorization of these weldments for each unit. This summary is included to facilitate assessment of the Peach Bottom status with regard to IGSCC. Scheduling of the IGSCC examinations for these weldments is as specified in Table 1 of NUREG 0313 Revision 2.

It should be noted that welds which are presently assigned to Category G will be upgraded to Category D after being UT inspected at the next refueling outage, if they are found to be free of cracking.

TABLE 1: IGSCC Categorization Summary for PBAPS 2 Piping:

Reactor Recirculation (includes nozzles N1 and N2)

Category A Welds:	132
Category B Welds:	0
Category C Welds:	0
Category D Welds:	1
Category E Welds:	0
Category F Welds:	0
Category G Welds:	3
Total IGSCC Welds:	136

Residual Heat Removal

Category A Welds:	119
Category B Welds:	0
Category C Welds:	0
Category D Welds:	0
Category E Welds:	0
Category F Welds:	0
Category G Welds:	0
Total IGSCC Welds:	119

TABLE 1: IGSCC Categorization Summary for PBAPS 2 Piping: (Continued)

Core Spray (includes nozzle N5)

Category A Welds:	100
Category B Welds:	0
Category C Welds:	0
Category D Welds:	2
Category E Welds:	0
Category F Welds:	0
Category G Welds:	2
Total IGSCC Welds:	104

Reactor Water Clean-Up (RHR to outer containment isolation valve)

Category A Welds:	21
Category B Welds:	0
Category C Welds:	0
Category D Welds:	0
Category E Welds:	0
Category F Welds:	0
Category G Welds:	0
Total IGSCC Welds:	21

Reactor Water Clean-Up (beyond outer containment isolation valve)

Category A Welds:	1
Category B Welds:	0
Category C Welds:	0
Category D Welds:	0
Category E Welds:	0
Category F Welds:	0
Category G Welds:	95
Total IGSCC Welds:	96

Reactor Pressure Vessel System (Jet Pump Instrumentation)

Category A Welds:	2
Category B Welds:	0
Category C Welds:	0
Category D Welds:	0
Category E Welds:	0
Category F Welds:	0
Category G Welds:	0
Total IGSCC Welds:	2

TABLE 2: Table IGSCC Categorization Summary for PBAPS 3 Piping

Reactor Recirculation (includes nozzles N1 and N2)

Category A Welds:	81
Category B Welds:	0
Category C Welds:	0
Category D Welds:	0
Category E Welds:	0
Category F Welds:	0
Category G Welds:	0
Total IGSCC Welds:	81

TABLE 2: IGSCC Categorization Summary for PBAPS 2 Piping: (Continued)

Residual Heat Removal	
Category A Welds:	17
Category B Welds:	0
Category C Welds:	0
Category D Welds:	0
Category E Welds:	0
Category F Welds:	0
Category G Welds:	0
Total IGSCC Welds:	17
Core Spray (includes nozzle N5)	
Category A Welds:	95
Category B Welds:	0
Category C Welds:	0
Category D Welds:	0
Category E Welds:	0
Category F Welds:	0
Category G Welds:	0
Total IGSCC Welds:	95
Reactor Water Clean-Up (RHR to outer containment isolation valve)	
Category A Welds:	20
Category B Welds:	0
Category C Welds:	0
Category D Welds:	0
Category E Welds:	0
Category F Welds:	0
Category G Welds:	0
Total IGSCC Welds:	20
Reactor Water Clean-Up (beyond outer containment isolation valve)	
Category A Welds:	19
Category B Welds:	0
Category C Welds:	0
Category D Welds:	0
Category E Welds:	0
Category F Welds:	0
Category G Welds:	77
Total IGSCC Welds:	96

ITEM 3 OF NRC GENERIC LETTER 88-01

"A change to the Technical Specifications to include a statement on ISI that the Inservice Inspection Program for piping covered by the scope of this letter will be in conformance with the staff positions on schedules, inspection methods and personnel, and sample expansion included in this letter (see enclosed model BWR Standard Technical Specification). It is recognized that the Inservice Inspection and Testing section may be removed from the Technical Specifications in the future in line with the Technical Specifications Improvement Programs. In this case, this requirement shall remain with the ISI section when it is included in an alternative document."

RESPONSE TO ITEM 3

Section 4.6.G of the Peach Bottom Technical Specifications contains surveillance requirements pertaining to the Inservice Inspection Program. The following note will be added to Section 4.6.G:

> "The Inservice Inspection (ISI) Program for piping identified in NRC Generic Letter 88-01 shall be performed in accordance with the staff positions on schedule, methods and personnel, and sample expansion included in NRC Generic Letter 88-01. Details for the implementation of these requirements are included as augmented inspection requirements in the ISI program."

This change will be proposed along with changes to delete some obsolete provisions of Section 3.6 and 4.6 and replace them with applicable portions of the Standard Technical Specifications. License amendment applications will be submitted by December 31, 1988.

The ISI program for Peach Bottom is described in the updated FSAR. In order to implement the IGSCC augmented inspection program in compliance with the terms of NRC Generic Letter 88-01, a revision will be made to the updated FSAR, Appendix I, page I-1, Rev. 3., 01/85, by adding the following:

> "The Inservice Inspection (ISI) Program for weldments in piping identified in accordance with the criteria of NRC Generic Letter 88-01 shall be performed in accordance with the NRC staff positions addressed in this Generic Letter. Details for schedule, methods, personnel, and sample expansion are included as augmented inspection requirements in the ISI program."

ITEM 4 OF NRC GENERIC LETTER 88-01

"Confirmation of your plans to ensure that the Technical Specification related to leakage detection will be in conformance with the staff position on leak detection included in this letter."

RESPONSE TO ITEM 4

It is Philadelphia Electric's position that the existing Technical Specifications are in conformance with the staff position on leakage detection, and therefore a change to the Technical Specifications is not required. A review of the Peach Bottom Technical Specifications 3.6.C and 4.6.C and their associated Bases identified the following:

- The Technical Specifications require that Reactor Coolant unidentified leakage shall be limited to 5 gpm or the unit shall be in hot shutdown within 12 hours and in cold shutdown within the following 24 hours.
- The Technical Specifications require that the rate of change of Reactor Coolant unidentified leakage shall not exceed 2 gpm within a 24 hour period or the unit shall be in hot shutdown within 12 hours and in cold shutdown within the following 24 hours.
- The Technical Specifications require that total Reactor Coolant System leakage be limited to 25 gpm averaged over any 24 hour surveillance period or the unit shall be in hot shutdown within 12 hours and in cold shutdown within the following 24 hours.
- The Technical Specifications require that the primary containment (drywell) sump collection and flow monitoring system be operable during reactor power operation. From and after the time the system is made or found to be inoperable for any reason, reactor power operation is permissible only during the succeeding 24 hours unless the system is made operable sooner. Operability of this system is defined as the ability to measure reactor coolant leakage.
- The Technical Specifications require that the Drywell Atmosphere Radioactivity Monitor shall be operable during reactor power operation as a supplement to the reactor coolant leakage monitoring system. From and after the time the system is made or found to be inoperable for any reason, reactor power operation is permissible for up to 30 days provided grab samples of the containment atmosphere are obtained and analyzed at least once per 24 hours.
- The Technical Specifications require that the drywell atmosphere radioactivity levels shall be monitored and recorded at least once per day.
- The Technical Specifications require that Reactor Coolant System leakage be monitored and recorded every 4 hours using the primary containment (drywell) sump collection and flow monitoring system.

ITEM 5 OF NRC GENERIC LETTER 88-01

"In accordance with 10CFR50.55a(g), your plans to notify the NRC of any flaws that do not meet IWB-3500 criteria of Section XI of the Code for continued operation without evaluation, or a change found in the condition of welds previously known to be cracked, and your evaluation of the flaws for continued operation and/or your repair plans."

RESPONSE TO ITEM 5

NRC Notification

Philadelphia Electric plans to adopt the staff position on notification. If any flaws are identified which do not meet the referenced criteria for continued operation, the NRC will be duly notified of the disposition of the affected flaws. NRC approval of the disposition for each flaw exceeding the criteria will be obtained before operation is resumed.

Flaw Evaluation

Flaws exceeding the acceptance criteria of IWB-3500 of ASME Section XI will be evaluated, then either repaired, replaced or deemed acceptable for continued operation. Repairs or replacements will be documented in the Owners Report for Repairs and Replacements as required by ASME Section XI. Evaluations of flaws for continued operation will be performed in accordance with the criteria in IWB-3600 of ASME Section XI. For aspects of flaw evaluation which are not contained in IWB-3600, the requirements of NUREG-0313 Revision 2 will be used in conjunction with IWB-3600.

The above referenced criteria for acceptance and evaluation are found in the 1986 Edition of ASME Section XI.

APPENDIX A

Listing and IGSCC Classifications of PBAPS Unit 2 Items
Requiring IGSCC Augmented Inspections

LEGEND FOR APPENDIX A

COMP. ID - The unique identifier assigned to a particular weldment for ISI.

COMP. DESCRIPTION - A description of the weldment.

SYSTEM ID Indicates the particular portion, within a system, that contains the weldment

CAT. - This refers to the IGSCC Category assigned to the weldment. The Category is assigned according to Table 1 of NUREG 0313 Revision 2.

APPENDIX A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 2 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-AS-19	SAFE-END TO ELBOW	28 INCH SUCTION	G
2-AS-19LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	28 INCH SUCTION	A
2-AS-19LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	28 INCH SUCTION	A
2-AS-20LUI	LONG. SEAM UPSTRM. INSD. ELBOW	28 INCH SUCTION	A
2-AS-20LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	28 INCH SUCTION	A
2-AS-20	ELBOW TO PIPE	28 INCH SUCTION	A
2-AS-20LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH SUCTION	A
2-AS-21LU	LONGITUDINAL SEAM UPSTREAM	28 INCH SUCTION	A
2-AS-21	PIPE TO TEE	28 INCH SUCTION	A
2-AS-21LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH SUCTION	A
2-AS-22LU	LONGITUDINAL SEAM UPSTREAM	28 INCH SUCTION	A
2-AS-22	TEE TO PIPE	28 INCH SUCTION	A
2-AS-22LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH SUCTION	A
2-AS-23LU	LONGITUDINAL SEAM UPSTREAM	28 INCH SUCTION	A
2-AS-23	PIPE TO PIPE	28 INCH SUCTION	A
2-AS-23LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH SUCTION	A
2-AS-24LU	LONGITUDINAL SEAM UPSTREAM	28 INCH SUCTION	A

APPENDIX A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 2 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-AS-24	PIPE TO ELBOW	28 INCH SUCTION	A
2-AS-24LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	28 INCH SUCTION	A
2-AS-24LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	28 INCH SUCTION	A
2-AS-25LUI	LONG. SEAM UPSTRM. INSD. ELBOW	28 INCH SUCTION	A
2-AS-25LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	28 INCH SUCTION	A
2-AS-25	ELBOW TO VALVE	28 INCH SUCTION	A
2-AS-26	VALVE TO PIPE	28 INCH SUCTION	A
2-AS-26LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH SUCTION	A
2-AS-27LU	LONGITUDINAL SEAM UPSTREAM	28 INCH SUCTION	A
2-AS-27	PIPE TO ELBOW	28 INCH SUCTION	A
2-AS-27LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	28 INCH SUCTION	A
2-AS-27LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	28 INCH SUCTION	A
2-AS-28LUI	LONG. SEAM UPSTRM. INSD. ELBOW	28 INCH SUCTION	A
2-AS-28LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	28 INCH SUCTION	A
2-AS-29	ELBOW TO PUMP	28 INCH SUCTION	A
2-AS-1	SAFE END TO NOZZLE N-1A	LOOP A	D

SYSTEM: UNIT 2 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-AD-29	PUMP TO PIPE	28 INCH DISCHARGE	A
2-AD-29LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH DISCHARGE	A
2-AD-30LU	LONGITUDINAL SEAM UPSTREAM	28 INCH DISCHARGE	A
2-AD-30	PIPE TO VALVE	28 INCH DISCHARGE	A
2-AD-31	VALVE TO ELBOW	28 INCH DISCHARGE	A
2-AD-31LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	28 INCH DISCHARGE	A
2-AD-31LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	28 INCH DISCHARGE	A
2-AD-32LUI	LONG. SEAM UPSTRM. INSD. ELBOW	28 INCH DISCHARGE	A
2-AD-32LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	28 INCH DISCHARGE	A
2-AD-32	ELBOW TO PIPE	28 INCH DISCHARGE	A
2-AD-32LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH DISCHARGE	A
2-AD-33LU	LONGITUDINAL SEAM UPSTREAM	28 INCH DISCHARGE	A
2-AD-33	PIPE TO TEE	28 INCH DISCHARGE	A
2-AD-33LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH DISCHARGE	A
2-AM-6	CROSS TO PIPE	22 INCH MANIFOLD	A

SYSTEM: UNIT 2 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-AM-6LD	LONGITUDINAL SEAM DOWNSTREAM	22 INCH MANIFOLD	A
2-AM-7LU	LONGITUDINAL SEAM UPSTREAM	22 INCH MANIFOLD	A
2-AM-7	REDUCER TO PIPE	22 INCH MANIFOLD	A
2-AM-8	CROSS TO PIPE	22 INCH MANIFOLD	A
2-AM-8LD	LONGITUDINAL SEAM DOWNSTREAM	22 INCH MANIFOLD	A
2-AM-9LU	LONGITUDINAL SEAM UPSTREAM	22 INCH MANIFOLD	A
2-AM-9	REDUCER TO PIPE	22 INCH MANIFOLD	A
2-AHF-6	ELBOW TO PIPE	12 INCH HEADER-LEG F	A
2-AHF-7	PIPE TO SAFE END	12 INCH HEADER-LEG F	A
2-AHF-8	SAFE-END TO NOZZLE	12 INCH HEADER-LEG F	A
2-AHG-6	BRANCH CONNECTION TO PIPE	12 INCH HEADER-LEG G	A
2-AHG-7	PIPE TO SAFE END	12 INCH HEADER-LEG G	A
2-AHG-8	SAFE-END TO NOZZLE	12 INCH HEADER-LEG G	A
2-AHH-6LU	LONGITUDINAL SEAM UPSTREAM	12 INCH HEADER-LEG H	A
2-AHH-6	REDUCER TO PIPE	12 INCH HEADER-LEG H	A
2-AHH-7	PIPE TO SAFE END	12 INCH HEADER-LEG H	A

SYSTEM: UNIT 2 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-AHH-8	SAFE-END TO NOZZLE	12 INCH HEADER-LEG H	A
2-AHJ-6	BRANCH CONNECTION TO PIPE	12 INCH HEADER-LEG J	A
2-AHJ-7	PIPE TO SAFE END	12 INCH HEADER-LEG J	A
2-AHJ-8	SAFE-END TO NOZZLE	12 INCH HEADER-LEG J	A
2-AHK-6	ELBOW TO PIPE	12 INCH HEADER-LEG K	A
2-AHK-7	PIPE TO SAFE END	12 INCH HEADER-LEG K	A
2-AHK-8	SAFE-END TO NOZZLE	12 INCH HEADER-LEG K	A
2-BS-1	NOZZLE TO SAFE-END	28 INCH SUCTION	G
2-BS-18	SAFE-END TO ELBOW	28 INCH SUCTION	G
2-BS-18LDI	LONG. SEAM DWNSTRM, INSD ELBOW	28 INCH SUCTION	A
2-BS-18LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	28 INCH SUCTION	A
2-BS-19LUI	LONG. SEAM UPSTRM, INSD ELBOW	28 INCH SUCTION	A
2-BS-19LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	28 INCH SUCTION	A
2-BS-19	ELBOW TO PIPE	28 INCH SUCTION	A
2-BS-19LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH SUCTION	A
2-BS-20LU	LONGITUDINAL SEAM UPSTREAM	28 INCH SUCTION	A

APPENDIX A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 2 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-BS-20	PIPE TO PIPE	28 INCH SUCTION	A
2-BS-20LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH SUCTION	A
2-BS-21LU	LONGITUDINAL SEAM UPSTREAM	28 INCH SUCTION	A
2-BS-21	PIPE TO ELBOW	28 INCH SUCTION	A
2-BS-21LDI	LONG. SEAM DWNSTRM, INSD ELBOW	28 INCH SUCTION	A
2-BS-21LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	28 INCH SUCTION	A
2-BS-22LUI	LONG. SEAM UPSTRM, INSD ELBOW	28 INCH SUCTION	A
2-BS-22LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	28 INCH SUCTION	A
2-BS-22	ELBOW TO VALVE	28 INCH SUCTION	A
2-BS-23	VALVE TO PIPE	28 INCH SUCTION	A
2-BS-23LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH SUCTION	A
2-BS-24LU	LONGITUDINAL SEAM UPSTREAM	28 INCH SUCTION	A
2-BS-24	PIPE TO ELBOW	28 INCH SUCTION	A
2-BS-24LDI	LONG. SEAM DWNSTRM, INSD ELBOW	28 INCH SUCTION	A
2-BS-24LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	28 INCH SUCTION	A
2-BS-25LUI	LONG. SEAM UPSTRM. INSD. ELBOW	28 INCH SUCTION	A

SYSTEM: UNIT 2 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-BS-25LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	28 INCH SUCTION	A
2-BS-25	ELBOW TO PUMP	28 INCH SUCTION	A
2-BD-26	PUMP TO PIPE	28 INCH DISCHARGE	A
2-BD-26LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH DISCHARGE	A
2-BD-27LU	LONGITUDINAL SEAM UPSTREAM	28 INCH DISCHARGE	A
2-BD-27	PIPE TO VALVE	28 INCH DISCHARGE	A
2-BD-28	VALVE TO ELBOW	28 INCH DISCHARGE	A
2-BD-28LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	28 INCH DISCHARGE	A
2-BD-28LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	28 INCH DISCHARGE	A
2-BD-29LUI	LONG. SEAM UPSTRM. INSD. ELBOW	28 INCH DISCHARGE	A
2-BD-29LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	28 INCH DISCHARGE	A
2-BD-29	ELBOW TO PIPE	28 INCH DISCHARGE	A
2-BD-29LD	LONGITUDINAL SEAM DOWNSTREAM	28 INCH DISCHARGE	A
2-BD-30LU	LONGITUDINAL SEAM UPSTREAM	28 INCH DISCHARGE	A
2-BD-30	PIPE TO TEE	28 INCH DISCHARGE	A
2-BD-30LD	LONGITUDINAL SEAM	28 INCH	A

APPENDIX A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 2 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
	DOWNSTREAM	DISCHARGE	
2-BM-6	CROSS TO PIPE	22 INCH MANIFOLD	A
2-BM-6LD	LONGITUDINAL SEAM DOWNSTREAM	22 INCH MANIFOLD	A
2-BM-7LU	LONGITUDINAL SEAM UPSTREAM	22 INCH MANIFOLD	A
2-BM-7	REDUCER TO PIPE	22 INCH MANIFOLD	A
2-BM-8	CROSS TO PIPE	22 INCH MANIFOLD	A
2-BM-8LD	LONGITUDINAL SEAM DOWNSTREAM	22 INCH MANIFOLD	A
2-BM-9LU	LONGITUDINAL SEAM UPSTREAM	22 INCH MANIFOLD	A
2-BM-9	REDUCER TO PIPE	22 INCH MANIFOLD	A
2-BHA-6	ELBOW TO PIPE	12 INCH HEADER-LEG A	A
2-BHA-7	PIPE TO SAFE END	12 INCH HEADER-LEG A	A
2-BHA-8	SAFE-END TO NOZZLE	12 INCH HEADER-LEG A	A
2-BHB-6	BRANCH CONNECTION TO PIPE	12 INCH HEADER-LEG B	A
2-BHB-7	PIPE TO SAFE END	12 INCH HEADER-LEG B	A
2-BHB-8	SAFE-END TO NOZZLE	12 INCH HEADER-LEG B	A
2-BHC-6LU	LONGITUDINAL SEAM UPSTREAM	12 INCH HEADER-LEG B	A

APPENDIX A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 2 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-BHC-6	REDUCER TO PIPE	12 INCH HEADER-LEG C	A
2-BHC-7	PIPE TO SAFE END	12 INCH HEADER-LEG C	A
2-BHC-8	SAFE-END TO NOZZLE	12 INCH HEADER-LEG C	A
2-BHD-6	BRANCH CONNECTION TO PIPE	12 INCH HEADER-LEG D	A
2-BHD-7	PIPE TO SAFE END	12 INCH HEADER-LEG D	A
2-BHD-8	SAFE-END TO NOZZLE	12 INCH HEADER-LEG D	A
2-BHE-6	ELBOW TO PIPE	12 INCH HEADER-LEG E	A
2-BHE-7	PIPE TO SAFE END	12 INCH HEADER-LEG E	A
2-BHE-8	SAFE-END TO NOZZLE	12 INCH HEADER-LEG E	A

NOTE: THE REACTOR PRESSURE VESSEL SYSTEM INSTRUMENTATION NOZZLES ARE EXCLUDED FROM THIS DETAILED LIST; HOWEVER, THE CLASSIFICATIONS ARE AS DESCRIBED IN THE "REACTOR PRESSURE VESSEL SYSTEM (JET PUMP INSTRUMENTATION) AT PBAPS 2" AND "ATTACHMENTS AND APPURTENANCES TO THE RPV FOR PBAPS 2 & 3" PORTIONS OF THE G.L. 88-01 RESPONSE TEXT.

APPENDIX A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 2 RHR

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
10-HS-29	PIPE TO ELBOW	HEAD SPRAY	A
10-HS-29LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	HEAD SPRAY	A
10-HS-29LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	HEAD SPRAY	A
10-HS-30LUI	LONG. SEAM UPSTRM. INSD. ELBOW	HEAD SPRAY	A
10-HS-30LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	HEAD SPRAY	A
10-HS-30	ELBOW TO VALVE	HEAD SPRAY	A
10-HS-31	VALVE TO PIPE	HEAD SPRAY	A
10-HS-32	PIPE TO ELBOW	HEAD SPRAY	A
10-HS-32LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	HEAD SPRAY	A
10-HS-32LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	HEAD SPRAY	A
10-HS-33LUI	LONG. SEAM UPSTRM. INSD. ELBOW.	HEAD SPRAY	A
10-HS-33LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	HEAD SPRAY	A
10-HS-33	ELBOW TO ELBOW	HEAD SPRAY	A
10-HS-33LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	HEAD SPRAY	A
10-HS-33LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	HEAD SPRAY	A
10-HS-34LUI	LONG. SEAM UPSTRM.	HEAD SPRAY	A

SYSTEM: UNIT 2 RHR

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
	INSD. ELBOW		
10-HS-34LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	HEAD SPRAY	A
10-HS-34	ELBOW TO PIPE	HEAD SPRAY	A
10-HS-35	PIPE TO FLANGE	HEAD SPRAY	A
10-HS-36	FLANGE TO PIPE	HEAD SPRAY	A
10-HS-37	PIPE TO ELBOW	HEAD SPRAY	A
10-HS-37LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	HEAD SPRAY	A
10-HS-37LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	HEAD SPRAY	A
10-HS-38LUI	LONG. SEAM UPSTRM. INSD. ELBOW	HEAD SPRAY	A
10-HS-38LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	HEAD SPRAY	A
10-HS-38	ELBOW TO PIPE	HEAD SPRAY	A
10-HS-39	PIPE TO ELBOW	HEAD SPRAY	A
10-HS-39LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	HEAD SPRAY	A
10-HS-39LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	HEAD SPRAY	A
10-HS-40LUI	LONG. SEAM UPSTRM. INSD. ELBOW	HEAD SPRAY	A
10-HS-40LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	HEAD SPRAY	A
10-HS-40	ELBOW TO PIPE	HEAD SPRAY	A

SYSTEM: UNIT 2 RHR

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
10-HS-41	PIPE TO ELBOW	HEAD SPRAY	A
10-HS-41LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	HEAD SPRAY	A
10-HS-41LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	HEAD SPRAY	A
10-HS-42LUI	LONG. SEAM UPSTRM. INSD. ELBOW	HEAD SPRAY	A
10-HS-42LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	HEAD SPRAY	A
10-HS-42	ELBOW TO FLANGE	HEAD SPRAY	A
10-IA-17	VALVE TO PIPE	IN-LOOP A	A
10-IA-17LD	LONGITUDINAL SEAM DOWNSTREAM	IN-LOOP A	A
10-IA-18LU	LONGITUDINAL SEAM UPSTREAM	IN-LOOP A	A
10-IA-18	PIPE TO ELBOW	IN-LOOP A	A
10-IA-18LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	IN-LOOP A	A
10-IA-18LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	IN-LOOP A	A
10-IA-19LUI	LONG. SEAM UPSTRM. INSD. ELBOW	IN-LOOP A	A
10-IA-19LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	IN-LOOP A	A
10-IA-19	ELBOW TO PIPE	IN-LOOP A	A
10-IA-19LD	LONG. SEAM DWNSTRM. OUTSD. ELB.	IN-LOOP A	A

APPENDIX A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 2 RHR

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
10-IA-20LU	LONGITUDINAL SEAM UPSTREAM	IN-LOOP A	A
10-IA-20	PIPE TO ELBOW	IN-LOOP A	A
10-IA-20LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	IN-LOOP A	A
10-IA-20LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	IN-LOOP A	A
10-IA-21LUI	LONG. SEAM UPSTRM. INSD. ELBOW	IN-LOOP A	A
10-IA-21LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	IN-LOOP A	A
10-IA-21	ELBOW TO ELBOW	IN-LOOP A	A
10-IA-21LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	IN-LOOP A	A
10-IA-21LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	IN-LOOP A	A
10-IA-22LUI	LONG. SEAM UPSTRM. INSD. ELBOW	IN-LOOP A	A
10-IA-22LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	IN-LOOP A	A
10-IA-22	ELBOW TO PIPE	IN-LOOP A	A
10-IA-25	PIPE TO TEE	IN-LOOP A	A
10-IB-17	VALVE TO PIPE	IN-LOOP B	A
10-IB-17LD	LONGITUDINAL SEAM DOWNSTREAM	IN-LOOP B	A
10-IB-18LU	LONGITUDINAL SEAM UPSTREAM	IN-LOOP B	A

SYSTEM: UNIT 2 RHR

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
10-IB-18	PIPE TO ELBOW	IN-LOOP B	A
10-IB-18LDI	LONG. DWNSTRM. INSD. ELBOW	IN-LOOP B	A
10-IB-18LDO	LONG. DWNSTRM. OUTSD. ELBOW	IN-LOOP B	A
10-IB-19LUI	LONG. UPSTRM. INSD. ELBOW	IN-LOOP B	A
10-IB-19LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	IN-LOOP B	A
10-IB-19	ELBOW TO PIPE	IN-LOOP B	A
10-IB-19LD	LONGITUDINAL SEAM DOWNSTREAM	IN-LOOP B	A
10-IB-20LU	LONGITUDINAL SEAM UPSTREAM	IN-LOOP B	A
10-IB-20	PIPE TO ELBOW	IN-LOOP B	A
10-IB-20LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	IN-LOOP B	A
10-IB-20LDO	LONG. SEAM DWNSTRM. OUTSD. ELB.	IN-LOOP B	A
10-IB-21LUI	LONG. SEAM UPSTREAM INSD. ELBOW	IN-LOOP B	A
10-IB-21LUO	LONG. SEAM UPSTREAM OUTSD. ELB.	IN-LOOP B	A
10-IB-21	ELBOW TO ELBOW	IN-LOOP B	A
10-IB-21LDI	LONG. SEAM DWNSTRM. INSD. ELBOW	IN-LOOP B	A
10-IB-21LDO	LONG. SEAM	IN-LOOP B	A

APPENDIX A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 2 RHR

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
	DWNSTRM. OUTSD. ELB.		
10-IB-22LUI	LONG. SEAM UPSTRM. INSD. ELBOW	IN-LOOP B	A
10-IB-22LUO	LONG. SEAM UPSTRM. OUTSD. ELBOW	IN-LOOP B	A
10-IB-22	ELBOW TO PIPE	IN-LOOP B	A
10-IB-25	PIPE TO TEE	IN-LOOP B	A
10-O-20	TEE TO PIPE	OUT	A
10-O-20/12-O	6-IN. BRANCH CONNECTION	OUT	A
10-O-20LD	LONGITUDINAL SEAM DOWNSTREAM	OUT	A
10-O-21LU	LONGITUDINAL SEAM UPSTREAM	OUT	A
10-O-21	PIPE TO ELBOW	OUT	A
10-O-21LDI	LONG. SEAM DWNSTRM, INSD ELBOW	OUT	A
10-O-21LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	OUT	A
10-O-12LUI	LONG. SEAM UPSTRM, INSD ELBOW	OUT	A
10-O-22LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	OUT	A
10-O-22	ELBOW TO PIPE	OUT	A
10-O-22LD	LONGITUDINAL SEAM DOWNSTREAM	OUT	A
10-O-23LU	LONGITUDINAL SEAM UPSTREAM	OUT	A

SYSTEM: UNIT 2 RHR

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
10-O-23	PIPE TO ELBOW	OUT	A
10-O-23LDI	LONG.SEAM DWNSTRM, INSIDE ELBOW	OUT	A
10-O-23LDO	LONG.SEAM DWNSTRM OUTSIDE ELBOW	OUT	A
10-O-24LUI	LONG. SEAM UPSTRM, INSIDE ELBOW	OUT	A
10-O-24LUO	LONG. SEAM UPSTRM,OUTSIDE ELBOW	OUT	A
10-O-24	ELBOW TO PIPE	OUT	A
10-O-24LD	LONGITUDINAL SEAM DOWNSTSREAM	OUT	A
10-O-25LU	LONGITUDINAL SEAM UPSTREAM	OUT	A
10-O-25	PIPE TO ELBOW	OUT	A
10-O-25LDI	LONG. SEAM DWNSTRM, INSD ELBOW	OUT	A
10-O-25LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	OUT	A
10-O-26LUI	LONG. SEAM UPSTRM, INSD ELBOW	OUT	A
10-O-26LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	OUT	A
10-O-26	ELBOW TO PIPE	OUT	A
10-O-29	PIPE TO ELBOW	OUT	A
10-O-29LDI	LONG. SEAM DWNSTRM, INSD ELBOW	OUT	A

APPENDIX A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 2 RHR

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
10-O-29LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	OUT	A
10-O-30LUI	LONG. SEAM UPSTRM, INSD ELBOW	OUT	A
10-O-30LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	OUT	A
10-O-30	ELBOW TO PIPE	OUT	A
10-O-30LD	LONGITUDINAL SEAM DOWNSTREAM	OUT	A
10-O-31LU	LONGITUDINAL SEAM UPSTREAM	OUT	A
10-O-31	PIPE TO PIPE	OUT	A

SYSTEM: UNIT 2 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-I-2	VALVE TO ELBOW	IN	G
12-O-20A	BRANCH CONNECTION TO PIPE	OUT	A
12-O-20B	PIPE TO PIPE	OUT	A
12-O-21	PIPE TO VALVE	OUT	A
12-O-22	VALVE TO PIPE	OUT	A
12-O-23	PIPE TO VALVE	OUT	A
12-O-24	VALVE TO PIPE	OUT	A
12-O-25	ELBOW TO PIPE	OUT	A
12-O-26	PIPE TO ELBOW	OUT	A
12-O-27	ELBOW TO PIPE	OUT	A
12-O-28	PIPE TO ELBOW	OUT	A
12-O-29	ELBOW TO PIPE	OUT	A
12-O-30	PIPE TO ELBOW	OUT	A
12-O-31	ELBOW TO PIPE	OUT	A
12-O-32	PIPE TO ELBOW	OUT	A
12-O-33R	ELBOW TO PIPE	OUT	A
12-O-33A	PIPE TO PIPE	OUT	A
12-O-34R	PIPE TO PIPE	OUT	A
12-O-35	PENETRATION TO PIPE	OUT	A
12-O-35LD	LONGITUDINAL SEAM DOWNSTREAM	OUT	A
12-O-36LU	LONGITUDINAL SEAM UPSTREAM	OUT	A
12-O-36	PIPE TO VALVE	OUT	A

SYSTEM: UNIT 2 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-0-37	VALVE TO ELBOW	OUT	A
12-3-1	VALVE TO PIPE	SUCTION	G
12-3-2	PIPE TO ELBOW	SUCTION	G
12-3-3	ELBOW TO PIPE	SUCTION	G
12-3-4	PIPE TO ELBOW	SUCTION	G
12-4-1	ELBOW TO PIPE	SUCTION	G
12-4-2	PIPE TO TEE	SUCTION	G
12-4-3	TEE TO REDUCER	SUCTION	G
12-4-4	TEE TO PIPE	SUCTION	G
12-4-5	PIPE TO TEE	SUCTION	G
12-4-6	TEE TO REDUCER	SUCTION	G
12-13-1	PIPE TO ELBOW	RETURN	G
12-13-2	ELBOW TO PIPE	RETURN	G
12-13-3	PIPE TO ELBOW	RETURN	G
12-13-4	ELBOW TO ELBOW	RETURN	G
12-13-5	ELBOW TO ELBOW	RETURN	G
12-13-6	ELBOW TO PIPE	RETURN	G
12-13-7	PIPE TO ELBOW	RETURN	G
12-13-8	ELBOW TO HX	RETURN	G
12-14-1	VALVE TO PIPE	RETURN	G
12-14-2	PIPE TO ELBOW	RETURN	G
12-14-3	ELBOW TO PIPE	RETURN	G
12-14-4	PIPE TO VALVE	RETURN	G
12-14-19	VALVE TO PIPE	RETURN	G

SYSTEM: UNIT 2 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-14-5	PIPE TO ELBOW	RETURN	G
12-14-6	ELBOW TO PIPE	RETURN	G
12-14-7	PIPE TO ELBOW	RETURN	G
12-14-8	ELBOW TO PIPE	RETURN	G
12-14-9	PIPE TO ELBOW	RETURN	G
12-14-10	ELBOW TO PIPE	RETURN	G
12-14-11	PIPE TO ELBOW	RETURN	G
12-14-12	ELBOW TO PIPE	RETURN	G
12-14-13	PIPE TO ELBOW	RETURN	G
12-14-14	ELBOW TO PIPE	RETURN	G
12-14-15	PIPE TO ELBOW	RETURN	G
12-14-16	ELBOW TO PIPE	RETURN	G
12-14-17	PIPE TO ELBOW	RETURN	G
12-14-18	ELBOW TO PIPE	RETURN	G
12-7-1	REDUCER TO TEE	DISCHARGE	G
12-7-2	TEE TO PIPE	DISCHARGE	G
12-7-3	PIPE TO TEE	DISCHARGE	G
12-7-4	TEE TO PIPE	DISCHARGE	G
12-7-5	PIPE TO ELBOW	DISCHARGE	G
12-7-6	ELBOW TO PIPE	DISCHARGE	G
12-7-7	PIPE TO FLANGE	DISCHARGE	G
12-7-8	FLANGE TO PIPE	DISCHARGE	G
12-7-9	PIPE TO FLANGE	DISCHARGE	G
12-7-10	FLANGE TO PIPE	DISCHARGE	G

SYSTEM: UNIT 2 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-7-11	PIPE TO ELBOW	DISCHARGE	G
12-8-1	ELBOW TO PIPE	DISCHARGE	G
12-8-2	PIPE TO ELBOW	DISCHARGE	G
12-8-3	ELBOW TO ELBOW	DISCHARGE	G
12-8-4	ELBOW TO HX	DISCHARGE	G
12-8-5	HX TO ELBOW	REGEN TO NONREGEN HX	G
12-8-6	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-8-7	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-8-8	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-8-9	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-8-10	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-8-11	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-8-12	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-8-13	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-8-14	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-8-15	PIPE TO FLANGE	REGEN TO NON REGEN HX	G
12-8-16	FLANGE TO PIPE	REGEN TO NON REGEN HX	G
12-8-17	PIPE TO FLANGE	REGEN TO NON	G

SYSTEM: UNIT 2 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
		REGEN HX	
12-8-18	FLANGE TO PIPE	REGEN TO NON REGEN HX	G
12-8-19	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-8-20	PIPE TO TEE	REGEN TO NON REGEN HX	G
12-8-21	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-8-22	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-8-23	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-8-24	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-8-25	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-8-26	ELBOW TO VALVE	REGEN TO NON REGEN HX	G
12-8-27	VALVE TO PIPE	REGEN TO NON REGEN HX	G
12-8-28	PIPE TO VALVE	REGEN TO NON REGEN HX	G
12-8-29	VALVE TO ELBOW	REGEN TO NON REGEN HX	G
12-8-30	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-8-31	PIPE TO HX	REGEN TO NON REGEN HX	G
12-8-32	TEE TO PIPE	REGEN TO NON REGEN HX	G

SYSTEM: UNIT 2 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-8-33	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-8-34	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-10-1	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-10-2	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-10-3	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-10-4	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-10-5	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-10-6	ELBOW TO VALVE	REGEN TO NON REGEN HX	G
12-10-7	VALVE TO PIPE	REGEN TO NON REGEN HX	G
12-10-8	PIPE TO VALVE	REGEN TO NON REGEN HX	G
12-10-9	VALVE TO PIPE	REGEN TO NON REGEN HX	G
12-10-10	PIPE TO ELBOW	REGEN TO NON REGEN HX	G
12-10-11	ELBOW TO PIPE	REGEN TO NON REGEN HX	G
12-10-12	PIPE TO HX	REGEN TO NON REGEN HX	G

SYSTEM: UNIT 2 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
14-A-28	PIPE TO PIPE	LOOP A	A
14-A-28LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-29LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-29	PIPE TO PIPE	LOOP A	A
14-A-29LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-30LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-30	PIPE TO ELBOW	LOOP A	A
14-A-30LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP A	A
14-A-30LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP A	A
14-A-31LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP A	A
14-A-31LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP A	A
14-A-31	ELBOW TO PIPE	LOOP A	A
14-A-31LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-32LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-32	PIPE TO ELBOW	LOOP A	A
14-A-32LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP A	A
14-A-32LDO	LONG. SEAM	LOOP A	A

SYSTEM: UNIT 2 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
	DWNSTRM, OUTSD ELBOW		
14-A-33LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP A	A
14-A-33LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP A	A
14-A-33	ELBOW TO PIPE	LOOP A	A
14-A-33LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-34LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-34	PIPE TO PIPE	LOOP A	A
14-A-34LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-35	PIPE TO PIPE	LOOP A	A
14-A-35LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-35LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP A	A
14-A-35LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP A	A
14-A-36LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP A	A
14-A-36LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP A	A
14-A-36	ELBOW TO PIPE	LOOP A	A
14-A-36LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-37LU	LONGITUDINAL SEAM	LOOP A	A

SYSTEM: UNIT 2 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
	UPSTREAM		
14-A-37	PIPE TO PIPE	LOOP A	A
14-A-37LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-38LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-38	PIPE TO PIPE	LOOP A	A
14-A-38LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-39LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-39	PIPE TO REDUCER	LOOP A	A
14-A-39LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-40LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-40	REDUCER TO PIPE	LOOP A	A
14-A-40LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-41LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-41	PIPE TO ELBOW	LOOP A	A
14-A-41LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP A	A
14-A-41LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP A	A
14-A-42LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP A	A

SYSTEM: UNIT 2 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
14-A-42LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP A	A
14-A-42	ELBOW TO PIPE	LOOP A	A
14-A-42LD	TUDINAL SEAM STREAM	LOOP A	A
14-A-43LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-43	PIPE TO SAFE-END	LOOP A	G
14-A-27	SAFE-END TO NOZZLE	LOOP A	D
14-B-28	PIPE TO PIPE	LOOP B	A
14-B-28LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-29LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-29	PIPE TO PIPE	LOOP B	A
14-B-29LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-30LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-30	PIPE TO ELBOW	LOOP B	A
14-B-30LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP B	A
14-B-30LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP B	A
14-B-31LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP B	A
14-B-31LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP B	A

SYSTEM: UNIT 2 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
14-B-31	ELBOW TO PIPE	LOOP B	A
14-B-31LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-32LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-32	PIPE TO ELBOW	LOOP B	A
14-B-32LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP B	A
14-B-32LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP B	A
14-B-33LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP B	A
14-B-33LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP B	A
14-B-33	ELBOW TO PIPE	LOOP B	A
14-B-33LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-34LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-34	PIPE TO ELBOW	LOOP B	A
14-B-34LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP B	A
14-B-34LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP B	A
14-B-35LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP B	A
14-B-35LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP B	A

SYSTEM: UNIT 2 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
14-B-35	ELBOW TO PIPE	LOOP B	A
14-B-35LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-36LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-36	PIPE TO PIPE	LOOP B	A
14-B-36LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-37LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-37	PIPE TO REDUCER	LOOP B	A
14-B-37LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-38LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-38	REDUCER TO PIPE	LOOP B	A
14-B-38LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-39LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-39	PIPE TO ELBOW	LOOP B	A
14-B-39LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP B	A
14-B-39LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP B	A
14-B-40LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP B	A
14-B-40LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP B	A

APPENDIX A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 2 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
14-B-40	ELBOW TO PIPE	LOOP B	A
14-B-40LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-41LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-41	PIPE TO SAFE-END	LOOP B	G
14-B-27	SAFE-END TO NOZZLE	LOOP B	D

SYSTEM: UNIT 2 JET PUMP INST

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
JPA-7	SEAL TO SAFE-END	LOOP A	A
JPA-6	N8A NOZZLE TO SAFE-END	LOOP A	A
JPB-7	SEAL TO SAFE-END	LOOP B	A
JPB-6	N8B NOZZLE TO SAFE-END	LOOP B	A

APPENDIX B

Listing and IGSCC Classification of PBAPS Unit 3 Items Requiring IGSCC Augmented Inspections

LEGEND FOR APPENDIX B

COMP. ID - The unique identifier assigned to a particular weldment for ISI.

COMP. DESCRIPTION - A description of the weldment.

SYSTEM ID - Indicates the particular portion, within a system, that contains the weldment.

CAT. - This refers to the IGSCC Category assigned to the weldment. The Category is assigned according to Table 1 of NUREG 0313 Revision 2.

APPENDIX B

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-AS-19	NOZZLE TO SAFE END	SUCTION LOOP A	A
2-AS-20	SAFE END TO PIPE BEND	SUCTION LOOP A	A
2-AS-21	PIPE BEND TO TEE	SUCTION LOOP A	A
2-AS-22	TEE TO PIPE	SUCTION LOOP A	A
2-AS-23	PIPE TO PIPE BEND	SUCTION LOOP A	A
2-AS-24	PIPE BEND TO VALVE	SUCTION LOOP A	A
2-AS-25	VALVE TO PIPE	SUCTION LOOP A	A
2-AS-25/CO	PIPE TO WELDOLET	SUCTION LOOP A	A
2-AS-25/CO	CLEANOUT CONNECTION	LOOP A	A
2-AS-25/ASD	2" BRANCH CONNECTION	SUCTION LOOP A	A
2-AS-26	PIPE TO ELBOW	SUCTION LOOP A	A
2-AS-27	ELBOW TO PUMP	SUCTION LOOP A	A
2-AD-28	PUMP TO PIPE	DISCHARGE LOOP A	A
2-AD-28\CO	PIPE TO WELDOLET	DISCHARGE LOOP A	A
2-AD-28/CO	CLEANOUT CONNECTION	LOOP A	A
2-AD-29	PIPE TO VALVE	DISCHARGE LOOP A	A
2-AD-30	VALVE TO ELBOW	DISCHARGE LOOP A	A
2-AD-31	ELBOW TO PIPE	DISCHARGE LOOP A	A

APPENDIX B

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-AD-32	PIPE TO CROSS	DISCHARGE LOOP A	A
2-AM-6	CROSS TO REDUCING TEE	MANIFOLD LOOP A	A
2-AM-7	REDUCING TEE TO PIPE BEND	MANIFOLD LOOP A	A
2-AM-8	CROSS TO REDUCING TEE	MANIFOLD LOOP A	A
2-AM-9	REDUCING TEE TO PIPE BEND	MANIFOLD LOOP A	A
2-AHF-6	PIPE BEND TO PIPE BEND	RISER F LOOP A	A
2-AHF-7	PIPE BEND TO SAFE-END	RISER F LOOP A	A
2-AHF-8	SAFE END TO NOZZLE	RISER F LOOP A	A
2-AHG-6	REDUCING TEE TO PIPE BEND	RISER G LOOP A	A
2-AHG-7	PIPE BEND TO SAFE-END	RISER G LOOP A	A
2-AHG-8	SAFE END TO NOZZLE	RISER G LOOP A	A
2-AHH-6	CROSS TO PIPE BEND	RISER H LOOP A	A
2-AHH-7	PIPE BEND TO SAFE-END	RISER H LOOP A	A
2-AHH-8	SAFE END TO NOZZLE	RISER H LOOP A	A
2-AHJ-6	REDUCING TEE TO PIPE BEND	RISER J LOOP A	A
2-AHJ-7	PIPE BEND TO SAFE-END	RISER J LOOP A	A

APPENDIX B

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-AHJ-8	SAFE END TO NOZZLE	RISER J LOOP A	A
2-AHK-6	PIPE BEND TO PIPE BEND	RISER K LOOP A	A
2-AHK-7	PIPE BEND TO SAFE-END	RISER K LOOP A	A
2-AHK-8	SAFE END TO NOZZLE	RISER K LOOP A	A
2-AS-25/CO-1	WELDOLET TO PIPE	4" CLEAN OUT LINE SUCTION	A
2-AS-25/CO-2	PIPE TO FLANGE	4" CLEAN OUT LINE SUCTION	A
2-AD-28/CO-1	WELDOLET TO PIPE	4" CLEAN OUT LINE DISCHARG	A
2-AD-28/CO-2	PIPE TO FLANGE	4" CLEAN OUT LINE DISCHARG	A
2-BS-18	NOZZLE TO SAFE END	SUCTION LOOP B	A
2-BS-19	SAFE END TO PIPE BEND	SUCTION LOOP B	A
2-BS-19A	PIPE BEND TO PIPE	SUCTION LOOP B	A
2-BS-20	PIPE BEND TO PIPE	SUCTION LOOP B	A
2-BS-21	PIPE TO PIPE BEND	SUCTION LOOP B	A
2-BS-22	PIPE BEND TO VALVE	SUCTION LOOP B	A
2-BS-23	VALVE TO PIPE	SUCTION LOOP B	A
2-BS-23/CO	PIPE TO WELDOLET	SUCTION LOOP B	A
2-BS-24	PIPE TO ELBOW	SUCTION LOOP B	A
2-BS-25	ELBOW TO PUMP	SUCTION LOOP B	A
2-BD-26	PUMP TO PIPE	DISCHARGE LOOP	A

APPENDIX B

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
		B	
2-BD-26/CO	PIPE TO WELDOLET	DISCHARGE LOOP B	A
2-BD-27	PIPE TO VALVE	DISCHARGE LOOP B	A
2-BD-28	VALVE TO ELBOW	DISCHARGE LOOP B	A
2-BD-29	ELBOW TO PIPE	DISCHARGE LOOP B	A
2-BD-30	PIPE TO CROSS	DISCHARGE LOOP B	A
2-BM-6	CROSS TO REDUCING TEE	MANIFOLD LOOP B	A
2-BM-7	REDUCING TEE TO PIPEBEND	MANIFOLD LOOP B	A
2-BM-8	CROSS TO REDUCING TEE	MANIFOLD LOOP B	A
2-BM-9	REDUCING TO PIPE BEND	MANIFOLD LOOP B	A
2-BHA-6	PIPE BEND TO PIPE BEND	RISER A LOOP B	A
2-BHA-7	PIPE BEND TO SAFE-END	RISER A LOOP B	A
2-BHA-8	SAFE END TO NOZZLE	RISER A LOOP B	A
2-BHB-6	REDUCING TEE TO PIPE BEND	RISER B LOOP B	A
2-BHB-7	PIPE BEND TO SAFE-END	RISER B LOOP B	A
2-BHB-8	SAFE END TO NOZZLE	RISER B LOOP B	A

APPENDIX B

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RECIRCULATION

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
2-BHC-6	CROSS TO PIPE BEND	RISER C LOOP B	A
2-BHC-7	PIPE BEND TO SAFE-END	RISER C LOOP B	A
2-BHC-8	SAFE END TO NOZZLE	RISER C LOOP B	A
2-BHD-6	REDUCING TEE TO PIPE BEND	RISER D LOOP B	A
2-BHD-7	PIPE BEND TO SAFE-END	RISER D LOOP B	A
2-BHD-8	SAFE END TO NOZZLE	RISER D LOOP B	A
2-BHE-6	PIPE BEND TO PIPE BEND	RISER E LOOP B	A
2-BHE-7	PIPE BEND TO SAFE-END	RISER E LOOP B	A
2-BHE-8	SAFE END TO NOZZLE	RISER E LOOP B	A
2-BS-23/CO-1	WELDOLET TO PIPE	4" CLEAN OUT LINE SUCTION	A
2-BS-23/CO-2	PIPE TO FLANGE	4" CLEAN OUT LINE SUCTION	A
2-BD-26/CO-1	WELDOLET TO PIPE	4" CLEAN OUT LINE DISCHARG	A
2-BD-26/CO-2	PIPE TO FLANGE	4" CLEAN OUT LINE DISCHARG	A

NOTE: THE REACTOR PRESSURE VESSEL SYSTEM INSTRUMENTATION NOZZLES ARE EXCLUDED FROM THIS DETAILED LIST; HOWEVER, THE CLASSIFICATIONS ARE AS DESCRIBED IN THE "ATTACHMENTS AND APPURTENANCES TO THE RPV FOR PBAPS 2 & 3" PORTIONS OF THE G.L. 88-01 RESPONSE TEXT.

APPENDIX B

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RHR

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
10-IA-18	VALVE TO PIPE BEND	IN LOOP A	A
10-IA-19	PIPE BEND TO ELBOW	IN LOOP A	A
10-IA-20	ELBOW TO ELBOW	IN LOOP A	A
10-IA-21	ELBOW TO PIPE	IN LOOP A	A
10-IA-24	PIPE TO CROSS	IN LOOP A	A
10-IB-18	VALVE TO PIPE BEND	IN LOOP B	A
10-IB-19	PIPE BEND TO ELBOW	IN LOOP B	A
10-IB-20	ELBOW TO ELBOW	IN LOOP B	A
10-IB-21	ELBOW TO PIPE	IN LOOP B	A
10-IB-24	PIPE TO TEE	IN LOOP B	A
10-O-20	TEE TO PIPE BEND	OUT	A
10-O-20/12-O	BRANCH CONNECTION	OUT	A
10-O-21	PIPE BEND TO PIPE BEND	OUT	A
10-O-22	PIPE BEND TO PIPE BEND	OUT	A
10-O-23	PIPE BEND TO PIPE	OUT	A
10-O-26	PIPE TO PIPE BEND	OUT	A
10-O-27	PIPE BEND TO PIPE	OUT	A

APPENDIX B

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-I-2R	VALVE TO ELBOW	IN	G
12-O-21	PIPE TO VALVE	OUT	G
12-O-20A	BRANCH CONNECTION TO PIPE	OUT	A
12-O-22	VALVE TO PIPE	OUT	A
12-O-23	PIPE TO VALVE	OUT	A
12-O-24	VALVE TO PIPE	OUT	A
12-O-25	PIPE TO ELBOW	OUT	A
12-O-26	ELBOW TO PIPE	OUT	A
12-O-27	PIPE TO ELBOW	OUT	A
12-O-28	ELBOW TO PIPE	OUT	A
12-O-29	PIPE TO ELBOW	OUT	A
12-O-30	ELBOW TO ELBOW	OUT	A
12-O-31	ELBOW TO PIPE	OUT	A
12-O-32	PIPE TO ELBOW	OUT	A
12-O-33	ELBOW TO PIPE	OUT	A
12-O-34	PIPE TO PIPE	OUT	A
12-O-35	ELBOW TO PIPE	OUT	A
12-O-36A	PIPE TO ELBOW	OUT	A
12-O-37A	ELBOW TO PENETRATION	OUT	A
12-O-38	PENETRATION TO PIPE	OUT	A
12-O-39	PIPE TO VALVE	OUT	A

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PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-233-5	VALVE TO PIPE	SUCTION	A
12-236-SW2	TEE TO TEE	SUCTION	A
12-233-6	ELBOW TO PIPE	SUCTION	A
12-236-SW3	TEE TO REDUCER	SUCTION	A
12-236-SW1	TEE TO REDUCER	SUCTION	A
12-236-10	PIPE TO TEE	SUCTION	A
12-236-25	TEE TO TEE	SUCTION	A
12-236-14	TEE TO PIPE	SUCTION	A
12-236-11	TEE TO PIPE	SUCTION	A
12-14-1	ELBOW TO PIPE	RETURN	G
12-14-2	PIPE TO ELBOW	RETURN	G
12-14-3	PIPE TO ELBOW	RETURN	G
12-14-4	ELBOW TO PIPE	RETURN	G
12-14-5	ELBOW TO PIPE	RETURN	G
12-14-6	PIPE TO ELBOW	RETURN	G
12-14-7	ELBOW TO PIPE	RETURN	G
12-14-8	PIPE TO ELBOW	RETURN	G
12-14-9	ELBOW TO PIPE	RETURN	G
12-14-10	PIPE TO ELBOW	RETURN	G
12-14-11	ELBOW TO PIPE	RETURN	G
12-14-12	PIPE TO ELBOW	RETURN	G
12-14-13	ELBOW TO PIPE	RETURN	G

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PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-14-14	PIPE TO VALVE	RETURN	G
12-14-15	VALVE TO PIPE	RETURN	G
12-14-16	PIPE TO ELBOW	RETURN	G
12-14-17	ELBOW TO PIPE	RETURN	G
12-14-18	ELBOW TO PIPE	RETURN	G
12-13-1	HX TO PIPE	RETURN	G
12-13-2	PIPE TO ELBOW	RETURN	G
12-13-3	ELBOW TO PIPE	RETURN	G
12-13-4	PIPE TO ELBOW	RETURN	G
12-13-5	ELBOW TO PIPE	RETURN	G
12-13-6	PIPE TO ELBOW	RETURN	G
12-13-7	ELBOW TO PIPE	RETURN	G
12-13-8	PIPE TO PIPE	RETURN	G
12-13-9	PIPE TO PIPE	RETURN	G
12-13-10	PIPE TO ELBOW	RETURN	G
12-13-11	ELBOW TO PIPE	RETURN	G
12-13-12	PIPE TO ELBOW	RETURN	G
12-13-13	ELBOW TO PIPE	RETURN	G
12-13-14	PIPE TO ELBOW	RETURN	G
12-236-SW4	REDUCER TO TEE	DISCHARGE	A
12-236-18	TEE TO PIPE	DISCHARGE	A
12-236-19	PIPE TO TEE	DISCHARGE	A

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PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-236-SW5	TEE TO PIPE	DISCHARGE	A
12-236-21	PIPE TO ELBOW	DISCHARGE	A
12-236-22	TEE TO ELBOW	DISCHARGE	A
12-236-23	ELBOW TO FLANGE	DISCHARGE	A
12-236-40	FLANGE TO HX	DISCHARGE	A
12-236-SW6	PIPE TO TEE	DISCHARGE	A
12-236-SW7	TEE TO CAP	DISCHARGE	A
12-8-4	PIPE TO HX	DISCHARGE	A
12-8-5	HX TO ELBOW	REGEN TO NONREGEN HX	G
12-8-6	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-8-7	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-8-8	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-8-9	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-8-10	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-8-11	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-8-12	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-8-13	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-8-14	ELBOW TO PIPE	REGEN TO	G

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PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
		NONREGEN HX	
12-8-15	PIPE TO FLANGE	REGEN TO NONREGEN HX	G
12-8-16	FLANGE TO PIPE	REGEN TO NONREGEN HX	G
12-8-17	PIPE TO FLANGE	REGEN TO NONREGEN HX	G
12-8-18	FLANGE TO PIPE	REGEN TO NONREGEN HX	G
12-8-19	PIPE TO TEE	REGEN TO NONREGEN HX	G
12-8-20	TEE TO PIPE	REGEN TO NONREGEN HX	G
12-8-21	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-3-22	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-8-23	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-8-24	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-8-25	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-8-26	ELBOW TO VALVE	REGEN TO NONREGEN HX	G
12-8-27	VALVE TO PIPE	REGEN TO NONREGEN HX	G
12-8-28	PIPE TO VALVE	REGEN TO NONREGEN HX	G

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PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-8-29	VALVE TO PIPE	REGEN TO NONREGEN HX	G
12-8-30	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-8-31	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-8-32	PIPE TO HX	REGEN TO NONREGEN HX	G
12-8-33	TEE TO PIPE	REGEN TO NONREGEN HX	G
12-8-34	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-8-35	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-10-1	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-10-2	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-10-3	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-10-4	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-10-5	PIPE TO ELBOW	REGEN TO NONREGEN HX	G
12-10-6	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-10-7	PIPE TO VALVE	REGEN TO NONREGEN HX	G
12-10-8	VALVE TO PIPE	REGEN TO NONREGEN HX	G

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PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 RWCU

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
12-10-9	PIPE TO VALVE	REGEN TO NONREGEN HX	G
12-10-10	VALVE TO ELBOW	REGEN TO NONREGEN HX	G
12-10-11	ELBOW TO PIPE	REGEN TO NONREGEN HX	G
12-10-12	PIPE TO HX	REGEN TO NONREGEN HX	G

SYSTEM: UNIT 3 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
14-A-28	PIPE TO PIPE	LOOP A	A
14-A-28LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-29LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-29	PIPE TO PIPE	LOOP A	A
14-A-29LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-30LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-30	PIPE TO ELBOW	LOOP A	A
14-A-30LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP A	A
14-A-30LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP A	A
14-A-31LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP A	A
14-A-31LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP A	A
14-A-31	ELBOW TO PIPE	LOOP A	A
14-A-31LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-32LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-32	PIPE TO ELBOW	LOOP A	A
14-A-32LDI	LONG. SEAM DWNSTRM, INSD	LOOP A	A

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PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
	ELBOW		
14-A-32LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP A	A
14-A-33LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP A	A
14-A-33LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP A	A
14-A-33	ELBOW TO PIPE	LOOP A	A
14-A-33LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-34LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-34	PIPE TO PIPE	LOOP A	A
14-A-34LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-35LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-35	PIPE TO PIPE	LOOP A	A
14-A-35LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-36LU	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-36	PIPE TO ELBOW	LOOP A	A
14-A-36LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP A	A
14-A-36LDO	LONG. SEAM DWNSTRM, OUTSD	LOOP A	A

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PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
	ELBOW		
14-A-37LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP A	A
14-A-37LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP A	A
14-A-37	ELBOW TO PIPE	LOOP A	A
14-A-37LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-38LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-38	PIPE TO PIPE	LOOP A	A
14-A-38LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-39LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-39	PIPE TO REDUCER	LOOP A	A
14-A-39LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-40LU	LONGITUDINAL SEAM UPSTREAM	LOOP A	A
14-A-40	REDUCER TO PIPE	LOOP A	A
14-A-40LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-41	PIPE TO REDUCER	LOOP A	A
14-A-41LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP A	A
14-A-44LU	LONGITUDINAL SEAM UPSTRFAM	LOOP A	A

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PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 83-01 · 07/18/88

SYSTEM: UNIT 3 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
14-A-44	PIPE TO PIPE BEND	LOOP A	A
14-A-45	PIPE TO SAFE-END	LOOP A	A
14-A-46	SAFE-END TO NOZZLE	LOOP A	A
14-B-28	PIPE TO PIPE	LOOP B	A
14-B-28LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-29LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-29	PIPE TO PIPE	LOOP B	A
14-B-29LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-30LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-30	PIPE TO ELBOW	LOOP B	A
14-B-30LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP B	A
14-B-30LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP B	A
14-B-31LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP B	A
14-B-31LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP B	A
14-B-31	ELBOW TO PIPE	LOOP B	A
14-B-31LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-32LU	LONGITUDINAL SEAM	LOOP B	A

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PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
	UPSTREAM		
14-B-32	PIPE TO ELBOW	LOOP B	A
14-B-32LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP B	A
14-B-32LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP B	A
14-B-33LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP B	A
14-B-33LUO	LONG. SEAM UPSTRM, OUTSD ELBOW	LOOP B	A
14-B-33	ELBOW TO PIPE	LOOP B	A
14-B-33LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-34LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-34	PIPE TO PIPE	LOOP B	A
14-B-34LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-35LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-35	PIPE TO ELBOW	LOOP B	A
14-B-35LDI	LONG. SEAM DWNSTRM, INSD ELBOW	LOOP B	A
14-B-35LDO	LONG. SEAM DWNSTRM, OUTSD ELBOW	LOOP B	A

PEACH BOTTOM RESPONSE TO NRC GENERIC LETTER 88-01 07/18/88

SYSTEM: UNIT 3 CORE SPRAY

COMP. ID	COMP. DESCRIPTION	SYSTEM ID	CAT.
14-B-36LUI	LONG. SEAM UPSTRM, INSD ELBOW	LOOP B	A
14-B-36LUO	LONG. SEAM UPSTRM, INSD ELBOW	LOOP B	A
14-B-36	ELBOW TO PIPE	LOOP B	A
14-B-36LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-37LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-37	PIPE TO PIPE	LOOP B	A
14-B-37LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-38LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-38	PIPE TO REDUCER	LOOP B	A
14-B-38LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-39LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-39	PIPE TO REDUCER	LOOP B	A
14-B-39LD	LONGITUDINAL SEAM DOWNSTREAM	LOOP B	A
14-B-43LU	LONGITUDINAL SEAM UPSTREAM	LOOP B	A
14-B-43	PIPE TO PIPE BEND	LOOP B	A
14-B-44	PIPE TO SAFE-END	LOOP B	A
14-B-45	SAFE-END TO NOZZLE	LOOP B	A