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ANALYSIS OF INSERVICE INSPECTION RELIEF REQUESTS

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ABSTRACT

Nuclear Regulatory Commission (NRC) regulations require that inservice inspection (ISI) of boiling or pressurized water-cooled nuclear power plants be performed in accordance with a referenced edition and addenda of Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code. The regulations permit licensees to request relief from the NRC from specific ASME Code requirements that are determined to be impractical for the specific licensee. The NRC evaluates these requests and may grant such relief, but the NRC may also impose alternative or augmented inspections to assure structural reliability.

The purpose of this task was to evaluate the basis for ISI nondestructive examination (NDE) relief requests and to evaluate the effect of proposed ASME Code changes that would reduce the need for such requests or provide for more complete information in relief requests. This is the fourth in a series of reports on NDE relief requests, the first being EGG-MS-6796, May 1985, which analyzed preservice inspection (PSI) NDE relief requests. This report contains the results of an analysis of an ISI relief request data base that has been expanded to include 1195 ISI relief requests versus the 296 relief requests covered in the first report in April 1987, EGG-SD-7430. Also relief requests were added to the data base which came from both first and second 10-year inspection intervals for several facilities. This provided the means to analyze the effect of recently approved ASME Code cases and updated Code requirements, some of which have been published as a result of earlier work on this task.

SUMMARY

The purpose of this task was to analyze and evaluate the basis for inservice inspection (ISI) nondestructive (NDE) relief requests submitted by licensees of both boiling water reactor (BWR) and pressurized water reactor (PWR) nuclear facilities. Recent ASME Code changes covering alternative examinations for thin-walled vessels; reduced coverage on certain Class 1 and Class 2 welds; and guidelines on preparing ISI plans, including substitute examinations or tests (relief requests), were evaluated as to the effect they would have on relief requests.

This is the fourth in a series of reports which cover the results that were obtained from this task (Task 16 of FIN A6367), which was performed by EG&G Idaho, Inc., at the Idaho National Engineering Laboratory (INEL) for the Nuclear Regulatory Commission (NRC). The data studied came from Technical Evaluation Reports (TERs) which contained evaluations of licensees relief requests performed by independent reviewers. Safety Evaluation Reports (SERs), which reference the TERs and which are the final Nuclear Regulatory Commission (NRC) evaluations of the relief requests, were also reviewed.

By following updated ASME Code requirements, 63 out of the 1195 relief requests included in the survey would be eliminated. Code Case N-435-1, "Alternative Examination Requirements for Vessels With Wall Thickness Two Inches or Less," approved July 30, 1986, and Code Case N-460, "Alternative Examination Coverage for Class 1 and 2 Welds," approved July 27, 1988, were both originally proposed in the preservice inspection (PSI) relief request evaluation study report (EGG-MS-6796, May 1985) and would have eliminated 20 more relief requests, leaving 1112 out of the original 1195 relief requests covered by this survey. The recently approved Code changes will, when implemented by licensees, eliminate the need for some relief requests and help in obtaining the required information from licensees in the first submittal, thereby streamlining the relief request review process. Many relief requests would be eliminated entirely if licensees elected to reference later approved editions/addenda of the ASME Code in their ISI plans or in amendments to their ISI plans.

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ANALYSIS OF INSERVICE INSPECTION RELIEF REQUESTS

INTRODUCTION

This task (Task 16 of FIN A6367) consisted of compiling and analyzing requests for relief for nondestructive examination (NDE) from portions of the inservice inspection (ISI) requirements of Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code).¹ Nuclear Regulatory Commission (NRC) Regulations,² in 50.55a(g)(5)(iii), state that if a licensee has determined that conformance with certain ASME Code requirements is impractical for his facility, the licensee shall notify the Commission and submit information to support his determinations. The Commission evaluates this information and may grant relief from Code requirements. The Commission may also impose alternative or augmented requirements to assure structural reliability. The purpose of this task was to evaluate the basis for these relief requests and to evaluate the effect of proposed ASME Code changes which will reduce the need for such requests or provide for more complete information in relief requests.

This report is the latest of a series of reports on NDE relief requests. Reference 3 covered preservice inspection (PSI) NDE relief requests compiled in 1985, Reference 4 included the ISI relief requests compiled in 1987, and Reference 5 included the ISI NDE relief requests which were compiled in 1988.

DEVELOPMENT OF A DATA BASE

The data base was expanded from the first report which evaluated 296 relief requests from 17 facilities to contain information from 68 ISI plans from 58 facilities. As shown in Table 1, 1195 ISI relief requests were compiled. ISI plans were counted separately for facilities that submitted plans for different inspection intervals (seven facilities were in this category). If a facility had multiple units and submitted a single ISI plan covering all the units, it was counted as one plan (15 facilities were in this category). If a facility with multiple units submitted separate ISI plans for each unit, these plans were counted as multiple plans (four facilities were in this category). All other plans came from single unit facilities.

Hereafter, reference to the ASME Code edition and addenda will be abbreviated, i.e., 74-S75 Code will indicate the 1974 Section XI Code with addenda through the Summer 1975 Addenda. Twenty-one ISI plans were based on the 74-S75 Code, eight on the 77-S78 Code, two on the 77-S79 Code, nine on the 80-W80 Code, twenty-two on the 80-W81 Code, and six on the 83-S83 Code. Both first and second inspection interval plans were reviewed for ten facilities that used the 74-S75 or 77-S78 Code for the first interval. Eight of these updated to the 80-W81 Code and two updated to the 80-W80 for the second interval. The relief request information for this report came from Technical Evaluation Reports (TERs)⁷⁻⁷⁹ which contained evaluations of relief requests that were performed by independent reviewers. For eleven of the ISI plans the related Safety Evaluation Report (SER) data were also compiled. Portions of the relief request data in this report were compiled and analyzed in a previous report.^{4,5} An example of a typical relief request evaluation obtained from Reference 7 is shown in Appendix A.

A computerized data base system was used to process the data. A unique index key for each data record was assigned. Headings for the 19 columns of data that make up each relief request record are shown in Table 2. Also in the data base are records for each facility that include the Code date the facility is using, relief request date (date of the latest relief request submitted), TER date, SER date, and the inspection interval the facility is in. The data base system can sort the data using any of the columns as the "key." Appendix B contains tables with the relief request data for each plant.

TABLE 1. DISTRIBUTION OF RELIEF REQUESTS BY FACILITY TYPE

<u>Facility Type</u>	<u>ISI Plans</u>	<u>RELIEF REQUESTS</u>		
		<u>Total Number</u>	<u>Average/RR Per ISI Plan</u>	<u>Min-Max Range for All Plans</u>
BWR	32	577	18.0	2-42
PWR	<u>36</u>	<u>618</u>	17.2	1-45
TOTALS	68	1195		

TABLE 2. RELIEF REQUEST FILE COLUMNS

<u>Column Title</u>	<u>Explanation</u>
Index	Number given each relief request in the data base
Plant_Name	Identification of the nuclear facility and, if applicable, the unit number
RR_Ident	The identification assigned to a given relief request, usually by the Owner
Code_Categ	The Code category defined in Section XI of the ASME Code
Descrip	Specific component or subject of relief

TABLE 2. (Continued)

Column Title	Explanation
Exam	The nondestructive examination method for which the relief request applies
Reason	Why relief is being requested
Comments	Further information on the relief request
Items	Number of items for which relief is requested
C-0%	Number of items are entered to indicate the extent of examination coverage that could be applied
C<50%	
C50-89%	
C>=90%	
Alt_Exams	Any alternate nondestructive examinations that are proposed
Decision	Reviewer's disposition of the relief request
Explan	Explanation of the disposition
SER_Disposition	Disposition of the relief request stated in the SER
SER_Change	SER disposition changes or comments

RESULTS AND DISCUSSION

Table 1 shows the distribution of ISI plans and relief requests by facility type (BWR or PWR). Three of the BWR facilities have large numbers of relief requests (i.e., 33, 34, and 42) compared with an average of 21 relief requests for both BWR and PWR facilities. The BWR facilities have five different containment designs; all but one have the same reactor supplier. The BWRs ranged in age (i.e., measured from the year they were put into commercial operation) from one to 20 years. Three PWR facilities have large numbers of relief requests (i.e., 28, 29, and 45). The PWR facilities have three different reactor suppliers and seven different containment designs. The PWRs ranged in age from two to 28 years.

Eleven relief request reasons, as defined in Table 3, have been established. Most of these reasons for relief were specified by licensees in their request for relief, the others were assigned by this study. The six major reasons which comprise 91% of the total number of relief requests are (1) Access, (2) Geometry, (3) ALARA (ALARA is a term derived from NRC guidelines to keep radiation exposure as low as reasonably achievable), (4) Test Condition, (5) Examination, and (6) Code Update. Table 4 lists the distribution of these major reasons and the percentage by which they were accepted, accepted with limitations, rejected, or no recommendation was made (relief was unnecessary), as determined from the decisions of the reviewers published in the TERs. Acceptance with limitations means the acceptance is conditional (e.g., alternative examinations or updating to a later Code may be required). The relief requests with no recommendation had statements that implied the licensees misinterpreted the Code and that the relief requests were unnecessary. The reviewer's disposition recommendation for these unnecessary relief requests is indicated as "None" in the tables contained in Appendix B.

TABLE 3. RELIEF REQUEST REASONS AND DEFINITIONS

Reason	Definition
Access	Complete or limited physical inaccessibility
ALARA	Radiation/contamination levels are high enough to be hazardous to personnel and remote equipment is not practical
Calibration Block	Using a calibration block other than Code specified
Cast SST	Code examinations cannot be performed because the component is made of cast stainless steel
Code Clarification	Used when the Code is misunderstood or misinterpreted by the licensee, or when relief is asked in order to clarify the intent of the Code
Code Update	When the licensee requests to update to a later Code edition/addenda or is requesting relief from an examination that is no longer required in a later Code edition/addenda
Damage	When disassembly is required to examine a component and there is potential for damage
Examination	When an examination other than Code specified is used and it exceeds or meets the Code or used when relief is requested from certain parts of the Code examination

TABLE 3. (Continued)

Reason	Definition
Geometry	When component or weld configuration prevents a required Code examination
Surface	When surface conditions prevent a required Code examination
Test Condition	Used when the component design prevents pressure tests or when requesting to use lower than Code required pressure and/or temperature

TABLE 4. DISTRIBUTION OF RELIEF REQUESTS BY CATEGORY

<u>Category</u>	<u>Summary</u>		<u>Recommendation^a</u>			
	<u>Number</u>	<u>Percent of Total</u>	<u>Accept</u>	<u>Limited Acceptance</u>	<u>Reject</u>	<u>None</u>
Access	416	35	177	194	29	16
Geometry	203	17	89	76	20	18
ALARA	163	14	57	57	35	14
Test Condition	149	12	60	25	51	13
Examination	93	8	27	17	22	27
Code Update	63	5	47	6	1	9

a. Based on reviewer's recommendation in the TER.

Access and Geometry

Accessibility for examination and design of components for examination was not provided for in many facilities since the original plant designs occurred prior to the issuance of Section XI requirements.

Relief was requested for problems with access and/or geometry of welded piping joints in 65 out of the 68 ISI plans. The number of welds for which relief was requested in these 65 plans ranged from one to 226. The variance in piping weld relief requests is most likely influenced by variations in interpretation of Code requirements. Experimental data and field experience have shown one-sided access examinations of austenitic welds to be ineffective for detection of flaws on the far side of the welds. In actual practice, most piping welds have some limitations to a total examination. Scans from the fitting side of a joint are not totally effective. Reference 7 discusses piping weld examination limitations in more detail. As Code requirements for ultrasonic examination of piping are clarified and strengthened through procedure qualification requirements, it is expected that documented limitations to examinations will increase and become more uniform. The remainder of this discussion covers access and geometry separately in order to provide more detail about the reasons for requesting relief.

Thirty-four PWR ISI plans and 31 BWR ISI plans contained relief requests because of limited or no access. Access relief requests included, for example, reactor vessel welds, pressure retaining bolting, piping welds, valve internal surfaces, and integrally welded supports. Nineteen percent of the access limitation relief requests were for Class 1, Category B-J, Pressure Retaining Welds in Piping. Eighteen percent were for Class 1, Category B-A, Pressure Retaining Welds in Reactor Vessels. Another 7% were relief requests for Class 2, Categories C-B, Pressure Retaining Nozzle Welds in Vessels, and 10% in category C-F, Pressure Retaining Welds in Piping. The reviewer's recommendations were that 194 of the 416 requests due to access restrictions be accepted with limitations, 177 be accepted as proposed, 29 be rejected, and 16 be dispositioned as unnecessary.

One of the unnecessary relief requests was for a circumferential closure head weld; it was determined that examination of other accessible circumferential head welds would meet Code requirements. Two facilities requested relief from examining closure head and vessel cladding. They were also told to update to the 77-S78 Code which deleted the requirement. Another unnecessary relief request was for one circumferential vessel bottom head weld and one meridian weld. The Code states that only the accessible portions of these welds need to be examined; therefore relief was unnecessary. Another relief request deemed unnecessary requested approval to perform UT from only one side on four Category B-F dissimilar metal welds. The TER states that the piping welds in this facility will be examined using Appendix III of the Code, which provides for UT of welds from one side. Thus relief was not necessary. Another facility requested relief from performing an ultrasonic scan from both the nozzle side and the piping side of branch connection welds, Category B-J. Again the evaluation was that they were in compliance with the Code per Article III-4420 by scanning only from the reactor coolant piping side as long as there were no reportable preservice indications.

Three other unnecessary relief requests in Categories B-J and B-K-1 asked for relief because of inaccessibility; relief was unnecessary because the components for which relief was requested did not need to be included in the Code-required 25% sample. Another facility apparently misinterpreted the Code because relief was requested from inspecting sections of component cooling water and service water piping that are buried underground. The TER quoted IWA-5244(a) and (b) that allow flow rates to be measured at the entrance and exits of buried lines and the differences noted. Acceptance standards are at the discretion of the licensee and therefore relief was not necessary. Other apparent misinterpretations came from a facility that submitted two unnecessary relief requests. One requested relief from a VT-2 examination on external surfaces of the control rod drive (CRD) and instrumentation nozzles on the reactor pressure vessel (RPV) and proposed a VT-2 examination for leakage during hydrostatic tests. The TER stated IWA-5241(b) allows this. The other relief request was asking relief from examining a weld that was self-imposed and not required to be examined by the Code. Another facility asked for relief to do only surface

examinations on a piping weld <4 in. in diameter and another weld on piping with wall thickness <1/2 in. In both these cases the Code only requires a surface examination. The last unnecessary relief request requested relief for 95% examination coverage of a reactor coolant pump casing weld in lieu of 100% coverage. The reviewer stated that the Code uses the word "essentially" to give leeway in performing examinations in restricted areas. The reviewer stated that 95% examination meets the Code requirement of an essentially 100% volumetric examination and thus relief was unnecessary. This was the reviewer's interpretation; "essentially" has not been defined by the Code. Sixty-six relief requests in this study had some items with $\geq 90\%$ coverage of the required examinations. Twenty-nine relief requests had all items with $\geq 90\%$ coverage. Code Case N-460, "Alternative Examination Coverage for Class 1 and 2 Welds," approved July 27, 1988, originally proposed in Reference 3, and which allows acceptance of limited loss of examination, would have eliminated these relief requests.

Twenty-four PWR ISI plans and 20 BWR ISI plans contained relief requests due to geometry. Geometry relief requests covered many types of configurations, for example, inherent geometric constraints of reactor vessel nozzles, integrally welded supports, housing and casing shell welds, configuration of joints and fittings, and weld configuration (e.g., fillet welds).

In many cases the geometry of welds or components prevented meaningful application of ultrasonic (UT) examination. Alternate examinations proposed by the licensees were surface examinations and reduced coverage volumetric examinations. The reviewers decided that 26 relief requests in this category were either unnecessary or were rejected and recommended that the licensees update to the S-78 Code. Implementation of the S-78 Code, which allows surface examination in lieu of volumetric examination on certain components, would have eliminated the need for these 26 relief requests. Another geometry relief request that was deemed unnecessary requested to perform a visual examination at disassembly in lieu of an ultrasonic examination. The TER stated that the facility had updated the program plan to W-81 and relief was not required.

ALARA

Potential excessive radiation exposure in a Code required examination area is often used as a justification in relief requests to state that a required examination is impractical. Of the 68 ISI plans that were analyzed, ALARA reasons accounted for 163 relief requests.

Relief requests in Code Categories B-L-2 pump casings and B-M-2 valve bodies account for 55 out of the 163, or 34% of the ALARA relief requests. Category B-L-2 had sixteen relief requests from BWRs and eleven from PWRs. Category B-M-2 had nineteen relief requests from BWRs and nine from PWRs. Table 5 shows the distribution of the ALARA relief requests as to type of plant and type of supporting information (quantitative, partially quantitative, or nonquantitative).

Fifty-two percent of the ALARA relief requests were nonquantitative, e.g., statements such as, "excessive field" or "substantial man-rem" were used to justify relief. Seventeen percent were partially quantitative (i.e., number of components, pumps, and valves were not stated), while 31% were quantitative. Reasons vary from a 2 to 3 man-rem exposure per valve for Class 1 valves to a 1,000 man-rem exposure for Class 1 pump casings. Twenty-four percent of these relief requests were rejected by the reviewers for reasons such as inadequate technical information or lack of justification for the relief request. Fourteen relief requests were dispositioned as unnecessary. Five of these were requesting relief from examination of vessel cladding. These facilities were told to update to the 77-S78 Code which deletes the requirement. Another unnecessary relief request was on reactor vessel closure bushings, Code Category B-G-1, Pressure Retaining Bolting Greater Than Two Inches in Diameter. The TER stated that bushings require a visual examination only when the connection is disassembled. Therefore, this relief request was unnecessary. Three of the unnecessary relief requests were rejected because there was no need for the welds covered by the relief requests to be in the 25% sample examined during the inspection interval. For subsequent intervals, the licensee had the option to update to the S-78 Code which provides for repeated examinations of the same 25% sample each inspection interval. The last unnecessary relief request, in order to

TABLE 5. ALARA RELIEF REQUESTS

<u>Plant</u>		<u>Relief Requests</u>		
<u>I.D.</u>	<u>Type</u>	<u>Number</u>	<u>Non or Partially Quantitative</u>	<u>Quantitative</u>
B	BWR	5	4	1
C	BWR	8	4	4
D	BWR	2	2	--
E	BWR	3	2	1
F	BWR	2	--	2
G	BWR	2	2	--
H	BWR	9	8	1
I	BWR	2	2	--
J	BWR	2	1	1
L	BWR	2	2	--
M	BWR	3	2	1
AA	BWR	9	9	--
AB	BWR	3	3	--
AD	BWR	3	3	--
AF	BWR	4	4	--
AG	BWR	2	1	1
AH	BWR	2	2	--
N	PWR	4	4	--
O	PWR	1	1	--
P	PWR	1	1	--
T	PWR	2	2	--
U	PWR	6	4	2
Z	PWR	3	3	--
AM	PWR	1	1	--
AN	PWR	24	9	15
AO	PWR	4	3	1
AP	PWR	1	1	--
AQ	PWR	1	1	--

TABLE 5. ALARA RELIEF REQUESTS (Continued)

<u>I.D.</u>	<u>Type</u>	<u>Number</u>	Non or Partially	
			<u>Quantitative</u>	<u>Quantitative</u>
AR	PWR	4	--	4
AS	PWR	1	--	1
AT	PWR	6	1	5
AV	PWR	2	2	--
AY	PWR	2	1	1
BA	BWR	2	1	1
BB	BWR	2	1	1
BO	PWR	9	7	2
BP	PWR	9	5	4
BQ	PWR	3	3	--
BR	PWR	8	8	--
BS	PWR	3	3	--
TOTALS		163	112	51

reduce overall radiation to personnel, requested that, in lieu of the Code ultrasonic examinations, 174 welds be examined for the detection of IGSCC. Since IGSCC examinations are more stringent than the standard Code examinations and IWA-2240 states that alternative methods proved to be equal to or superior to the specified method may be used, relief was not required.

Task 20 of FIN A6367 covered preparation of a nonmandatory Code appendix, Appendix F, "Preparation of Inspection Plans" to provide guidelines for contents of inservice inspection (ISI) plans. This appendix was published in the 1987 Addenda of the Code and is expected to lead to more uniformity in ISI information submitted to the NRC for review. This appendix will not only expedite relief request reviews but will eliminate problems in the ALARA category, as it gives guidelines for providing quantitative values.

Test Condition

Test condition relief requests result from the inability to perform a pressure test to the Code requirements due to temperature or pressure conditions. There were 149 relief requests in this category, which is 12% of the total number of relief requests.

Class 2 pressure tests require a higher pressure than Class 1 tests. Many Class 2 lines cannot be isolated from Class 1 lines, and testing at the higher pressure required for Class 2 could cause damage to the Class 1 systems. If the Class 2 pressure test cannot be performed on certain Class 2 lines and components, more stringent Class 1 ISI examination requirements should be applied to these Class 2 lines and components.

In certain instances, design features in the Class 3 systems prevent testing at the Code required pressure, and relief is requested to test at a lower pressure. Another example of Test Condition is a weld that is not isolable and a hydrostatic test cannot be performed. The alternate examinations usually proposed are penetrant examination and visual examination for leakage.

Forty-seven of these relief requests were rejected. The disposition of 29 of these rejected relief requests was to update to the 77-S78 Code. Another relief request was not considered justified by the reviewer and the licensee withdrew the request. Relief was unnecessary on 12 relief requests in this category. Four of these requested relief from performing a system pressure test during the inspection period in which the hydrostatic test is scheduled. The disposition was that a hydrostatic test fulfills the requirements of the Code for the other pressure tests. Therefore, the licensees' proposed substitutions met the intent of the Code, and relief was unnecessary.

Examination

Many of the relief requests in this category requested to use the licensee's technical specification examinations rather than the Code examinations. A licensee's technical specification is approved by the NRC prior to issuance of the operating license and in most instances meets the Code requirements; in these instances relief requests are not necessary. However, in cases where the technical specification is not as stringent as the Code, relief requests are appropriate. One TER rejected four of these relief requests, one each in Code Categories C-A, C-B, C-C, and C-D. The licensee claimed the technical specification would provide assurance that the system would function as intended. The evaluation in the TER was that the licensee has not identified any major difficulty in meeting Section XI requirements and unless his proposed testing is as rigorous as the Code requirements, it was appropriate for testing to be done according to Section XI.

Six other relief requests asked to examine to Appendix III of the Code. Two of these were for pressure vessels, and the recommendation was that Appendix III was acceptable. Three others asked relief from the recording levels of IWA-2232. The decision on these was "none" and it was recommended to update to the S-78 Addenda of the Code which requires Appendix III for piping ultrasonic examination. One of these relief requests asked for relief from performing the ultrasonic examination of Article 5, Section V of the Code for austenitic and dissimilar metal welds and examining to Appendix III with Supplement 7 of the 80-W80 Code. This decision in the TER was a limited acceptance as long as every crack-like indication was recorded, any other indications which are not determined to be geometrical or metallurgical and 20% or greater of the distance amplitude correction (DAC), and all indications 50% DAC or greater determined to be geometrical or metallurgical. Regardless of these evaluations, Code Case N-435-1, "Alternative Examination Requirements for Vessels With Wall Thickness Two Inches or Less," approved July 30, 1986, originally proposed in Reference 3, would have eliminated these six relief requests.

Code Update

Code Update relief requests can result from an edition of the Code becoming approved in the Regulations after the facility has prepared an ISI program for a given 10-year inspection interval. On the basis of 10 CFR § 50.55a(g)(4)(iv), which permits implementation of later approved ASME Code editions and addenda, provided that all related Code requirements are used, a licensee can voluntarily update to a later approved Code by notifying the NRC by letter of this intention. However, apparently due to misinterpretation of the rules, some licensees are submitting relief requests asking for approval to update. Several of the Code Update relief requests as well as many relief requests in the other relief request categories could have been eliminated by revising or amending the ISI plan in lieu of submitting relief requests. A relief request to update is appropriate when a Code-required examination is impractical and only a certain portion of a later Code will be used.

Code Update relief request reasons totaled 63 or 7% of the relief requests reviewed. Only eleven of the 47 facilities surveyed had relief requests in this category. Seven of these eleven were BWR facilities which had a total of 45 Code Update relief requests.

Table 6 shows the effect on the ISI program for individual plants of updating to later Code editions/addenda. The examinations usually involved in relief requests associated with Code updating are bolting examinations, support examinations, pressure test requirements, and vessel cladding examinations. The biggest impact related to updating is the reduction of ISI on supports and the elimination of volumetric examination of bolts 2 in. in diameter.

From the 1971 Code through the 74-S75 Code, the Category B-G-1 bolting inspection requirements remained the same. The Code required examination of 100% or the entire number of bolts, studs, and nuts during each examination interval.

TABLE 6. CODE UPDATE RELIEF REQUESTS

<u>Plant</u>		<u>Effect on ISI Program</u>			
<u>I. D.</u>	<u>Type</u>	<u>Number of RRs</u>	<u>Improves ISI</u>	<u>Reduces Examinations</u>	<u>Eliminates Examinations</u>
A	BWR	5	4		1
B	BWR	3			3
D	BWR	2	1	1	
H	BWR	13	2		11
I	BWR	14		14	
J	BWR	3		2	1
AA	BWR	3			3
N	PWR	11		1	10
R	PWR	1		1	
U	PWR	5		1	4
AP	PWR	2		2	

The 74-W75 Code changed the examination requirements of bolts and studs on pumps and valves by adding a note that only the bolts and studs of one pump in a group of pumps performing similar functions and the bolts and studs of one valve within a group of valves with the same design had to be examined during an interval. This was done to provide for the examination of bolting only on the pumps and valves selected for examination under Categories B-L-1 and B-M-1.

The 74-S76 Code changed bolting exactly 2 in. in diameter from Category B-G-1 to Category B-G-2, thus changing the examination requirements for this size bolting from volumetric to visual.

The 77-S78 Code includes a note regarding the bolts and studs on heat exchangers, placing them under the examination requirements of Category B-B. This results in examination being required on the bolts and studs for only one heat exchanger selected from each group of heat exchangers performing similar functions.

If the facilities voluntarily updated to a more recent approved Code edition/addenda as permitted by 10 CFR § 50.55a(g)(4)(iv), many relief requests in this category would be eliminated.

Comparison of TER and SER Dispositions

Safety Evaluation Reports (SERs) were obtained for several facilities. Comparisons were made between the disposition in the TERs and their corresponding SERs, and some differences were noted. In a small number of instances the SERs did not appear to disposition some of the relief requests the same way the TERs did in spite of the following statement made in the SERs: "We have reviewed the TER and agree with the evaluations and recommendations." The following are some examples of these apparent differences. Because of the difference in terminology, it is difficult to determine if these are actual discrepancies or if they are actually in agreement resulting in the same outcome.

A relief request in one TER requested relief in Code Category B-C, from the schedule in Paragraph IWB-2411 for a flange-to-upper shell seam weld. The alternative proposed was the examination allowed in the 77-S78 Code. The recommendation in the TER was that relief should not be granted, instead approval should be given to update to the requirements of the 77-S78 Code. The disposition for this request in the SER said "granted." In the same TER relief was requested from the volumetric examination of the reactor vessel support skirt, Code Category B-H. No alternative was proposed. The TER accepted this with limitations--that approval should be given to update to the Winter 1979 Addenda of the Code which allows a visual examination or alternatively a surface examination performed on 10% of the weld on three lengths of 20 in. 120 degrees apart. In either case the examination should be done on the inside surface. The SER for this same relief request said "not granted."

Another facility requested relief from the volumetric examination of four Main Steam piping welds, stating that they are inaccessible because of interference from supports. The alternate examination that was proposed by the facility was a "best effort" visual during leakage and hydrostatic tests. The recommendation in the TER was that there was not enough justification for granting relief and that the welds be visually examined during the system hydrostatic tests and, in the event the supports are disassembled for maintenance and the welds are accessible, they should receive the Code examinations. The SER "granted" the relief request provided the alternative examination is performed. The SER listed the recommendations of the TER as the licensee proposed alternative examination, although the utility had not proposed this alternative. This same facility requested relief from the surface examination of 12 guide lugs on each of four restraints because of inaccessibility. The proposed alternative examination was "none." The TER recommended approval of the request provided that, when the restraints are dismantled for maintenance, the guide lug-to-pipe welds should be examined. The SER unconditionally granted the request without stating the provisions. These differences could be very confusing.

Table 7 shows the time lapse between when the relief requests are submitted and when the TERs and SERs are published. The time ranged from four to twenty months. One facility submitted their relief requests in May 1982; they were evaluated and a TER was published three months later in August 1982. Then it was not until February 1984, 17 months later, that the SER was finalized. Another facility had a lapse of 13 months between the TER and the SER. This excessive time lapse may prevent any needed changes from being implemented into the current inspection period.

It has been recommended in a previous study⁶⁴ that the regulations be changed to require earlier resolution of relief requests, namely within 60 days. This has already been established in 10 CFR 50 50.55(f)(3)(IV), that changes to a quality assurance program are accepted upon receipt of a letter to this effect or 60 days after submittal, whichever occurs first.

Comparison of First and Second Inspection Interval ISI Plans

Both first and second inspection interval ISI plan relief requests were included in the data base for ten facilities. Table 8 shows the number of relief requests for each facility and interval. There is a significant reduction in relief requests for the second intervals. This can be attributed to (1) clarifications and revised rules in the later editions of the Code which deleted some requirements thus reducing relief requests and (2) "lessons learned" from the first inspection interval relief requests that are applied to reducing second interval relief requests.

Review of the data showed that the "Code Update" category was not in the second interval ISI plans. The second interval ISI plans were written to later addenda, whereby this reason was no longer needed.

TABLE 7. RELIEF REQUEST PROCESSING TIMES

<u>PLANT I.D.</u>	<u>Relief Request to TER (Months)</u>	<u>TER to SER (Months)</u>	<u>Relief Request to SER (Months)</u>
AT	4	5	9
AD	3	2	5
U	4	6	10
AW	3	17	20
J	3	13	16
AA	3	7	10
AZ	1	9	10
M	2	2	4
AF	1	3	4
BS	5	same month	5

TABLE 8. INSPECTION INTERVAL RELIEF REQUESTS

<u>Facility Identification</u>	<u>ISI-1 E/A</u>	<u>ISI-1 RR</u>	<u>ISI-2 E/A</u>	<u>ISI-2 RR</u>
AA, BWR-GE	S-75	29	W-81	19
AE, BWR-GE	S-75	22	W-80	10
U, PWR-W	S-75	13	W-81	6
AP, PWR-CE	S-75	18	W-81	8
AX, PWR-W	S-75	20	W-81	19
AN, PWR-W	S-75	49	W-81	26
AD, PWR-W	S-75	19	W-81	10
F, BWR-GE	S-78	12	W-81	7
I, BWR-GE	S-75	34	W-81	25
H, BWR-GE	S-75	<u>22</u>	W-80	<u>19</u>
TOTALS		238		149

CONCLUSIONS

The original plant design of many facilities occurred prior to the issuance of Section XI requirements, thus component design and accessibility for examination were not considerations. This explains why the Access and Geometry category contains the most relief requests. Code interpretation is a significant factor in this category. In some cases, such as reactor vessel closure head welds, the Code exempts inaccessible welds. In other cases, partially inaccessible safe-end welds may be inspected according to Appendix III of the Code which allows ultrasonic examination from one side. For these cases, relief requests are unnecessary.

The biggest drawback in reviewing the ALARA relief requests was the lack of adequate and quantitative information submitted by the licensees. Now that Appendix F, "Preparation of Inspection Plans," which was developed under Task 20 of FIN A6367, has been published in the 1987 Addenda to Section XI of the ASME Code, these problems should be solved.

The disposition of 19% of the relief requests in the Test Condition category was a recommendation to update to the 77-S78 Code. If the facilities had elected to reference this later approved Code in their ISI plans or amendments to their ISI plans and notified the NRC, many of these relief requests would also have been eliminated.

The majority of the relief requests in the Code Update category are requesting permission to update to the 77-S78, 77-S79, or 80-W80 Codes. Misinterpretation of the Code is generating unnecessary relief requests in this category, since facilities can voluntarily update to more recent approved Code editions/addenda by notifying the NRC by letter and revising their ISI plan.

Code Cases N-435-1, which permits alternate surface examinations of thin walled vessels, and N-460, which permits reduced examination were proposed in Reference 3 and are now published. The use of these Code cases would have deleted 20 relief requests from the ISI plans in this study.

Code Case N-460, as originally proposed in Reference 3, had several restrictions included. These restrictions have been removed, and it is recommended that they be considered when this Code Case is evaluated for inclusion in Regulatory Guide 1.147.

A primary concern from this study is that licensees seem to have problems understanding the Code requirements. To rectify this problem, it is recommended that each facility designate a representative to participate in Code meetings and thereby become knowledgeable in Code proceedings and in interpretation of Code rules.

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APPENDIX A
TYPICAL RELIEF REQUEST EVALUATION

TYPICAL RELIEF REQUEST EVALUATION

I. CLASS 1 COMPONENTS

A. Reactor Vessel

1. Nozzle-to-Safe End Welds, Category B-F, Item B5.10

Code Requirement

All nozzle-to-safe end butt welds in nominal pipe size 4 in. or greater in the reactor vessel shall be surface and volumetrically examined in accordance with Figure IWB-2500-8 during each inspection interval. The examinations may be performed coincident with the vessel nozzle examinations required by Category B-D. Dissimilar metal welds between combinations of (a) carbon or low alloy steels to high alloy steels, (b) carbon or low alloy steels to high nickel alloys, and (c) high alloy steel to high nickel alloys are included.

Code Relief Request

Relief is requested from surface examinations of circumferential welds for the two core flood nozzle-to-safe end welds (Nos. 01-025 and 01-026).

Proposed Alternative Examination

Both core flood nozzle-to-safe end welds would be 100% volumetrically examined coincident with the vessel nozzle examinations from the vessel ID.

Licensees' Basis for Requesting Relief

Access for a surface examination would require removal of the canal seal plate, shielding bricks, shielding supports in the nozzle areas, and insulation removal. This would require approximately 300 man-hours of work in a 700-1000 mr/hr area.

Evaluation

The core flood tanks inject water directly into the reactor vessel following a break in the primary pressure-retaining boundary, thereby providing a vital source for reactor core cooling. The type of welds for which relief from surface examination has been requested has a history of inservice flaw initiation in a number of plants. Assurance that the welds and base metal in the core flood system are structurally sound must therefore be provided by either performing the required examinations or an alternative that will provide equivalent or superior results. The increase in safety achieved by performing the required surface examination or an equivalent alternative outweighs the impracticalities cited by the licensee.

The licensee has proposed to eliminate the surface examination but expand the required volumetric examination to cover 100% of the weld. This expanded volume would cover the cross section bounded by ACFEDB shown in Figure IWB-2500-8 of the 1980 Edition, Winter 1981 Addenda, and the examination would be conducted from the inside diameter. This alternative volumetric examination from the inside diameter is not, however, sufficient in itself to provide the degree of assurance necessary that outside diameter (O.D.) flaws will be detected. The licensee should either (1) demonstrate by the next refueling outage that O.D. flaws can be detected using the proposed alternative volumetric examination or (2) perform the surface examination as required during the next refueling

outage. If the licensee chooses the first option, he should clearly demonstrate that the actual procedure and instrument that would be used in the examination would detect O.D. flaws in the existing configuration. Relief from the surface examination should be granted for the subject welds until either of the conditions above is met or until the next refueling outage.

Conclusions and Recommendations

Based on the above evaluation, it is concluded that interim relief should be granted but only if the licensee meets either of the following conditions:

- (a) Demonstrates by the next refueling outage that the actual procedure and instrument that would be used in the proposed examination would detect O.D. flaws in the existing configuration.
- (b) Performs the surface examination requirement during the next refueling outage.

APPENDIX B
TABLES FROM RELIEF REQUEST FILE

TABLE B-1. NOMENCLATURE

ABBREVIATION	DEFINITION
ACC	Acceptable
ACCES	Accessible
ADJ	Adjacent
ALARA	As Low As Reasonably Achievable
ALT	Alternate
AP	Appendix
APPL	Applicable
ASSY	Assembly
ATTS	Attachments
AUX	Auxiliary
AVL	Available
BLK	Block
BLTING	Bolting
BNDRY	Boundary
BR	Branch
B&W	Babcock & Wilcox
BWR	Boiling Water Reactor
CAL	Calibration
CATEG	Category
CE	Combustion Engineering
CH	Change
CIRC	Circumferential
CK	Check
CL	Class
CLAD	Cladding
CLARIF	Clarification
CLFS	Cliffs
CLOS	Closure
CNT	Containment
CNTL	Control
COMP	Component
CONC	Concrete
COND	Condition
CONFIG	Configuration
CONN	Connection
CONST	Construction
COVG	Coverage
CRD	Control Rod Drive
CRDM	Control Rod Drive Mechanism
CRK	Crack
CS	Containment Spray
CVC	Chemical Volume Control
CVCS	Chemical Volume Control System
DAC	Distance-Amplitude Correction
DEM	Demineralizer
DEMO	Demonstrate
DES	Design
DESCRIP	Description
DIA	Diameter

TABLE B-1. (Continued)

ABBREVIATION	DEFINITION
DIS	Dissimilar
DISP	Disposition
DIS'M	Disassembly
DOC	Document
DUR	During
EA	Each
E/A	Eddition/Addenda
ECCS	Emergency Core Cooling System
EL	Elbow
ELEM'S	Elements
ELIM	Eliminate
EMER	Emergency
ENCASE	Encasement
EQUIP	Equipment
EVAL	Evaluation
EXAM	Examination or Examine
EXMP	Exemption
EXP	Exposure
EXT	Extent
F	Fahrenheit
FAB	Fabrication
FREQ	Frequency
FTG	Fitting
FUNC	Functional
FW	Feedwater
GD	Guard
GE	General Electric
GEN	Generator
GEOM	Geometry
HAL	Halogen
HD	Head
HPCI	High Pressure Coolant Injection
HSE	House
HX	Heat Exchanger
HYDRO	Hydrostatic Test
H'SING	Housing
ID	Inside Diameter
IDENT	Identification
INC	Included
IND	Indications
IN' FERENCE	Interference
INFO	Information
INJ	Injection
INR	Integrally
INR-WLD	Integrally Welded
INS	Inside
INSP	Inspection
INSUL	Insulated
INT	Internal

TABLE B-1. (Continued)

ABBREVIATION	DEFINITION
ISI	Inservice Inspection
ISI-1	Inservice Inspection, 1st interval
ISI-2	Inservice Inspection, 2nd interval
L/ACC	Acceptable With Limitations
LD	Load
LG	Large
LIM	Limited
LK	Leak
LN	Line
LONG	Longitudinal
MATL	Material
MAX	Maximum
MET	Metallurgy
MIN	Minutes
MONT'D	Monitored
MR	Millirem
MS	Main Steam
MT	Magnetic Particle Test
MTL	Metal
MUT	Manual Ultrasonic Testing
N	Normal
N/A	Not Applicable
NPS	Nominal Pipe Size
NR	Non Regenerative
NRC	Nuclear Regulatory Commission
NRHX	Non Regenerative Heat Exchanger
NZL	Nozzle
N/R	Not Required
OBST	Obstruction
OD	Outside Diameter
OP	Operating
OUTSD	Outside
PD	Pressure Design
PERS	Personnel
PGS	Pages
PMP	Pump
POS	Possible
PR	Pressure
PS	Pre Startup
PSIG	Pounds Per Square Inch, Gauge
PT	Penetrant Test
PURIF	Purification
PV	Pressure Vessel
PWR	Pressured Water Reactor
PZR	Pressurizer
P&T	Pressure & Temperature
QUAN	Quantitative
RAD	Radiation
RC	Reactor Coolant

TABLE B-1. (Continued)

ABBREVIATION	DEFINITION
RCIC	Reactor Core Isolation Cooling
RCP	Reactor Coolant Pump
RDS	Reactor Depressurization System
REC	Recording
RECIRC	Recirculation
RED'S	Reduces
REFL	Refueling
REG	Regenerative
REJ	Rejectable
REM'D	Removed
REQ'D	Required
REQ'ING	Requiring
REQ'S	Requirements
RET	Retaining
REV	Revision
RHR	Residual Heat Removal
RPV	Reactor Pressure Vessel
RR	Relief Request
RT	Radiographic Test
RV	Reactor Vessel
SADD	Saddle
SB	Substitution
S/B	Should Be
SBLC	Standby Liquid Control
SCV	Section V
SCXI	Section XI
SD	Shut Down
SDH	Side Drilled Hole
SHD	Should
SG	Steam Generator
SGE	Surge
SI	Safety Injection
SIM	Similar
SOC	Socket
SPEC	Specification
SST	Stainless Steel
STM	Steam
SUL	Sulfur
SUPT	Support
SUR	Surface
SURVN	Surveillance
SW	Seal Water
SYS	System
S-	Summer
t	Thickness
T	Tee
TC	Thermocouple
TECH	Technique

TABLE B-1. (Continued)

ABBREVIATION	DEFINITION
TECH'L	Technical
TEMP	Temperature
TK	Tank
UNINSUL	Uninsulated
UT	Ultrasonic Test
VAL	Valve
VOL	Volumetric Examination
VSL	Vessel
VT	Visual Test
W	Westinghouse
WK	Week
WLD	Weld
WTR	Water
W-	Winter
W/	With
YR	Year
YRLY	Yearly
#	Number
\$	Dollar
@	At
>	Greater Than
<	Less Than

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
I.A.1	ISI-1, S-75 B-F	6/85 RR, 10/85 TER NOZZLE-TO-SAFE END WLDS	4/86 SER SUR, UT	ACCESS	PLANT U, PWR-B&W 13 RELIEF REQUESTS RR SUR, CANAL SEAL PLATE	NOT AVL	UT FROM ID	L/ACC	DEMONSTRATE ADEQUACY OF UT METHOD	GRANTED	
I.A.1a	B-F	SAFE END-TO-PIPE WLDS	SUR, UT	ACCESS	RR SUR, CANAL SEAL PLATE	NOT AVL	UT FROM ID	L/ACC	DEMONSTRATE ADEQUACY OF UT METHOD	GRANTED	
I.A.2	B-H	INR-WLD VESSEL SUPPORTS	UT	ALARA	150-200 MREN FIELD	NOT AVL	NONE	L/ACC	VT EXAM EARLY IN 2ND INTERVAL	GRANTED	
I.A.3	B-I-1	RV CLOSURE HEAD CLADDING	VT, SUR OR UT	CODE UPDATE	VT PRESSURE BOUNDRY SURFACES	6 PATCHES VT		NONE	UPDATE TO S78-DELETES REQUIREMENT	GRANTED	ALT EXAM OF VT IN SER-77S78
I.A.3a	B-I-1	RV VESSEL CLADDING	VT	CODE UPDATE	VT PRESSURE BOUNDRY SURFACES	6 PATCHES VT		NONE	UPDATE TO S78-DELETES REQUIREMENT	GRANTED	ALT EXAM OF VT IN SER-77S78
I.A.3b	B-I-2	PR VESSEL CLADDING	VT	CODE UPDATE	VT PRESSURE BOUNDRY SURFACES	1 PATCH VT		NONE	UPDATE TO S78-DELETES REQUIREMENT	GRANTED	ALT EXAM OF VT IN SER-77S78
I.A.3c	B-I-2	HX VESSEL CLADDING	VT	CODE UPDATE	VT PRESSURE BOUNDRY SURFACES	1 PATCH VT		NONE	UPDATE TO S78-DELETES REQUIREMENT	GRANTED	ALT EXAM OF VT IN SER-77S78
I.D.1	B-J	BRANCH CONN WLDS	UT	CODE UPDATE	WLD & NZL	NOT AVL	EXAM TO S78	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE TO S78	GRANTED	ALT EXAM TO 77S78 IN SER
I.E.1	B-L-1	PUMP CASING WLDS	UT	CAST SST	CONF18-EXAM TO S78 CASING IS CAST SST	NOT AVL	RT W/MINAC	L/ACC	PERFORM ALT EXAM EARLY IN 2ND INSPECTION PERIOD	GRANTED	
I.E.2	B-L-2	RC PMP INTERNAL SUR	VT-3	ALARA	50 MAN-REM IN SIMILAR PLANT	NOT AVL	PARTIAL SUR	L/ACC	ALT EXAM & CODE REQ VT AT DISASSEMBLY	L/GRANTED	PROVIDED CODE EXAM IS PERFORMED AT DIS'M
II.A.1	C-B	NZL WLDS IN VESSELS	UT	ACCESS	REINFORCING COLLARS	NOT AVL	COLLAR WLDS	L/ACC	ALT EXAM & VT-2 DURING PRESSURE TESTS	GRANTED	
II.B.1	C-F,C-B	PIPING WELDS	UT	CODE UPDATE	RESOLUTION PROBLEMS INHERENT W/UT	NOT AVL	EXAM TO S78	L/ACC	RHR, ECCS, CHR EXAM TO S75	GRANTED	
V.A.1	IWA-2232	EXAMINATION TECHNIQUES	UT	EXAMINATION	RR FROM EXAM TO APPENDIX I		ARTICLE 4, SEC V	NONE	UPDATE TO S78-INCORPORATED ARTICLE 4, SECTION V	GRANTED	
A1	ISI-2, W-B1 B-F	6/85 RR, 10/85 TER RV NZL-TO-SAFE END WLDS		ALARA	6 RELIEF REQUESTS HIGH RAD FIELD	2	UT FROM ID	L/ACC	REQ'D TO DEMO OD FLAW DETECTION		
D1	B-J	NOZZLE-TO-SAFE END WLDS		ALARA	300 MAN-REM EXP	2	UT FROM ID	L/ACC	REQ'D TO DEMO OD FLAW DETECTION		
D2	B-J	PIPING WELDS		ACCESS	SUPPORTS & PENETRATIONS	6	NONE	L/ACC	TEST WELDS ADJACENT TO OBSTRUCTIONS		
E1	B-L-1	RCP CASING WELDS		ACCESS	ONLY 95% ACCESSIBLE		RT 95%	NONE	RR NOT REQUIRED, 95% MEETS INTENT OF CODE		
E2	B-L-2	RCP INTERNAL SURFACES		ALARA	50 MAN-REM EXP	1	SUR	L/ACC	PARTIAL SUR OF CASING WELD		
VI.A.1	F-A	RV SUPPORT SKIRT		ALARA	150-200 MR FIELD	1	NONE	REJ	NOT IMPRACTICAL		
REV 1 NR-1	ISI-1, W-B1 B-A	5/87 RR, 1/88 TER RPV SHELL WLDS	UT	ACCESS	PLANT BR, PWR-W 15 RELIEF REQUESTS LUGS RESTRICT AUTOMATED INSP TOOL	1	NONE-EXT POS	ACC	84% CAN BE EXAMINED-ENSURES INTEGRITY		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
NR-1a	B-A	SHELL-TO-FLANGE WLDS	UT	ACCESS	LOCATED UNDER PORTION OF THE FLANGE	1	NONE-EXT POS	ACC	BOX CAN BE EXAMINED-ENSURES INTEGRITY		
NR-2	B-A	RPV NOZZLE-TO-VESSEL WLDS	UT	ACCESS	ISX OBSTRUCTED BY INTEGRAL EXTENTION	4	NONE-EXT POS	ACC	LIMITED EXAMINATION ENSURES INTEGRITY		
NR-3	B-D	PZR NOZZLE INSIDE RADIUS	UT	GEOM,SUR	INNER SUR INHERENT CONSTRAINTS-CLAD	6	VT-1 EACH INTERVAL	REJ	HAS NOT SUPPLIED ADEQUATE JUSTIFICATION		
NR-3a	B-D	SG NOZZLE INSIDE RADIUS	UT	GEOM,SUR	INNER SUR INHERENT CONSTRAINTS-CLAD	8	VT-1 EACH INTERVAL	REJ	HAS NOT SUPPLIED ADEQUATE JUSTIFICATION		
NR-4	B-F	SG NOZZLE-TO-SAFE END WLDS	SUR,UT	CAST SST	HIGH ATTENUATING PROPERTIES	8	NONE-EXT POS	ACC	LIMITED UT, PLUS REQ HYDRO & LK TEST ENSURES INTEGRITY		
NR-5	B-J	RC SYS PR RET WLDS	SUR,UT	CAST SST	HIGH ATTENUATING PROPERTIES	9	NONE-EXT POS	ACC	LIMITED UT, PLUS REQ HYDRO & LK TEST ENSURES INTEGRITY		
NR-6	B-J	RC SYS PR RET WLDS	SUR,UT	CAST SST	HIGH ATTENUATING PROPERTIES	2	NONE-EXT POS	ACC	LIMITED UT, PLUS REQ HYDRO & LK TEST ENSURES INTEGRITY		
NR-7	B-F	RPV NOZZLE-TO-SAFE END WLDS	SUR,UT	CAST SST	HIGH ATTENUATING PROPERTIES	1	NONE-EXT POS	ACC	LIMITED UT, PLUS REQ HYDRO & LK TEST ENSURES INTEGRITY		
NR-8	B-L-2	PMP CASING INTERNAL SURFACES	VT-3	ALARA,DAMAGE	NON QUANTITATIVE, POTENTIAL DAMAGE	4	VT-3 @ DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
NR-9	B-M-2	VAL BODIES INTERNAL SURFACES	VT-3	ALARA,DAMAGE	NON QUANTITATIVE, POTENTIAL DAMAGE	12	VT-3 @ DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
CR-1	IWF-2510	COMMONMENT SUPPORTS NPS <=1"	VT-3 OR VT-4	CODE CLARIF	CODE EXEMPTS THESE COMPONENTS	NOT AVL	VT-2 @ LK TEST	NONE	RELIEF NOT REQUIRED-INTERPRATION X1-1-B3-12R-2		
NR-10	C-A	HX SHELL CIRC WLDS	UT	ACCESS	70% OBSTRUCTED BY 4 BR CONNECTIONS	1	SUR	ACC	LIMITED UT AND PROPOSED SURFACE EXAM ENSURED INTEGRITY		
NR-11	C-A	HX SHELL CIRC WLDS	UT	ACCESS	WLD OBSTRUCTED BY FLANGE BOLTING	1	SUR	ACC	LIMITED UT AND PROPOSED SURFACE EXAM ENSURED INTEGRITY		
NR-12	C-B	SG NZL INSIDE RADIUS	UT	GEOM	GEOMETRIC CONSTRAINTS	2 SECTION	VT-1 @ DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
NR-12a	C-B	RHR HX NZL INSIDE RADIUS	UT	GEOM	GEOMETRIC CONSTRAINTS	2 SECTION	VT-1 @ DIS'M	REJ	HAS NOT SUPPLIED ADEQUATE JUSTIFICATION		
NR-15	C-F	PR RET WLDS WALL THK >1/2"	SUR,UT	ACCESS,ALARA	OBSTRUCTIONS, NON QUANTITATIVE	2	SUR,UT @ DIS'M	ACC	EXAMINED WHEN VALVE CONTAINMENT ASSY IS DIS'M		
NR-13	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS	WLDS BETWEEN PMP CASING & SUPPORTS	5	VT-1,LK TEST	ACC	LIMITED EXAM & VT-1 PROVIDES ASSURANCE OF INTEGRITY		
CR-4	IWF-2510	SUPPORTS NPS<4"	VT-3 OR VT-4	CODE CLARIF	CLASS 2 ARE EXEMPT	21 LINES	NONE	ACC	TER STATES THIS IS CONSISTENT W/CODE INTENT		
CR-2	IWF-1300	SUPPORTS	VT	ACCESS,ALARA	RELIEF FROM REMOVING INSULATION	NOT AVL	VT VISUALLY ACCESS	REJ	GENERIC RR-CHECK IWF-1300(e)-PROVIDE MORE JUSTIFICATION		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
CR-3	IWF-2430	SUPPORTS	VT	ALARA	NON QUANTITATIVE	NOT AVL	VT IF SAME TYPE	ACC	EXAM IF SAME TYPE SUPPORT OR SAME FAILURE MODE		
SR-1	IWF-1300	SNUBBERS	VT-3	ACCESS,ALARA	RELIEF FROM REMOVING INSULATION	429	VT VISUALLY ACCESS	REJ	GENERIC RR-CHECK IWF-1300(e)-PROVIDE MORE JUSTIFICATION		
SR-2	IWF-2430	SNUBBERS	VT	ALARA	NON QUANTITATIVE	NOT AVL	VT IF SAME TYPE	ACC	EXAM IF SAME TYPE SUPPORT OR SAME FAILURE MODE		
SR-3	IWF-5400	SNUBBERS	FUNC TEST	EXAMINATION	SAMPLING PLAN IN TECHNICAL SPEC	537	TECH SPEC	ACC	TEC SPEC SAMPLING MEETS OR EXCEEDS CODE		
SR-4	IWF-5400	SNUBBERS	FUNC TEST	EXAM,ALARA	RR ADDITIONAL 10% IF SNUBBERS FAIL		TECH SPEC	ACC	TEC SPEC SAMPLING MEETS OR EXCEEDS CODE		
PLANT V, PWR-M 12 RELIEF REQUESTS											
E-1	ISI-1, W-81 B-A	4/87 RR, 9/87 TER RPV LOWER HEAD-TO-SHELL WLD	UT	ACCESS	LUB OBSTRUCTION	1	NONE	ACC	LIMITED UT & REQ PR TEST ACCEPTABLE		
E-2	B-A	LOWER HEAD-TO-PLATE WLD	UT	ACCESS	OBSTRUCTIONS-INSTRUM ENTATION NZLS	1	NONE	ACC	LIMITED UT & REQ PR TEST ACCEPTABLE		
E-2a	B-A	LOWER HEAD MERIDIONAL WLD	UT	ACCESS	OBSTRUCTIONS-INSTRUM ENTATION NZLS	4	NONE	ACC	LIMITED UT & REQ PR TEST ACCEPTABLE		
E-3	B-A	RPV FLANGE-TO-VZL WLD	UT	ACCESS	FLANGE TAPER	1	NONE	ACC	LIMITED UT & REQ PR TEST ACCEPTABLE		
E-4	B-D	RPV NZL-TO-VESSEL WLD	UT	ACCESS	OBSTRUCTIONS	4	NONE	ACC	LIMITED UT & REQ PR TEST ACCEPTABLE		
E-5	B-A	RPV CLOSURE HEAD CIRC WLD	UT	ACCESS	CRD PENETRATIONS	1	NONE	ACC	LIMITED UT & REQ PR TEST ACCEPTABLE		
D	B-F	NOZZLE-TO-SAFE END WLD	SUR, UT	GEOM	WELD & METALLURGICAL OBSTRUCTIONS	6	NONE	ACC	LIMITED UT & REQ PR TEST & SUR ACCEPTABLE		
C-1	B-J	PR RET WLD >4"NPS	SUR, UT	ACCESS	OBSTRUCTIONS	15	NONE	ACC	LIMITED UT & REQ PR TEST & SUR ACCEPTABLE		
A	C-F	PR RET WLD <=1/2" WALL THK	SUR	GEOM	SMALL DIA & THIN WALL-RR UT	16	NONE	ACC	SUR EXAM & PR TEST ACCEPTABLE		
C-2	C-F	PR RET WLD >1/2" WALL THK	SUR, UT	ACCESS	VALVE OBSTRUCTIONS	2	NONE	ACC	LIMITED UT & REQ PR TEST & SUR ACCEPTABLE		
F-1	IWF	CLASS 1,2,3 SUPPORTS		EXAMINATION	RR IWF-2510 SELECTION	NOT AVL	95/90 SAMPLING	ACC	ALTERNATIVE MEETS OR EXCEEDS CODE		
F-2	IWF	CLASS 1,2,3 SUPPORTS		EXAMINATION	RR IWF-2430 SELECTION	NOT AVL	95/90 SAMPLING	ACC	ALTERNATIVE MEETS OR EXCEEDS CODE		
PLANT R, PWR-CE 9 RELIEF REQUESTS											
IV.E	ISI-1, S-75 IWD-2410	6/82 RR, 9/82 TER DIESEL GENERATOR COMP	HYDRO	TEST COND	EMERGENCY POWER SOURCE	5	WK LD TEST	REJ	OBTAIN APPROVAL TO UPDATE TO S-78		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
IV.F	IWD-2410	SALT WATER COOLING SYS	HYDRO	TEST COND	CAN'T TAKE ELEVATED PR	NOT AVL	YR LK TEST	REJ	UPDATE- LOWER PR ALLOWED IN S-78		
IV.G	IWD-2410	SERVICE WATER HEADERS	HYDRO	TEST COND	CAN'T TAKE ELEVATED PR	NOT AVL	YR LK TEST	REJ	UPDATE- LOWER PR ALLOWED IN S-78		
IV.K	IWA-5210	PRESSURE TESTS	HYDRO	CODE UPDATE	UNINSULATED,REDUCE TIME	NOT AVL	HOLD 10 MIN	L/ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
I.A.1	B-B	RV CIRC CLOSURE HD WLD	UT	ACCESS	CONTROL DRIVE MECHANISMS	1	REQ'D HYDRO	L/ACC	EXAM OTHER B-B WLDS, ALT EXAM	ISI-1	S-75
I.A.2	B-D	NZL-TO-VSL,INSIDE RADIUS	UT	ACCESS	CORE BARREL	4	3RD PERIOD	ACC	EXAM 3RD PERIOD WHEN CORE BARREL IS REMOVED		
I.A.3	B-I-1	RV CLADDING	VT	ACCESS	CORE BARRRL	1	NONE	L/ACC	OBTAIN APPROVAL TO UPDATE TO S-78		
V.A.1	IWA-2232	UT RECORDING LEVEL	UT	GEOM	IRRELEVANT INDICATIONS		>100%	L/ACC	UPDATE-RECORD CRACKS AT 20% REFERENCE LEVEL		
V.C.1	IWA-4210	STM, FW SMALL PIPING	HYDRO	TEST COND	CAN'T BE ISOLATED STM GENERATOR	NOT AVL	N PR UT/RT/PT	REJ	NOT SUFFICIENT JUSTIFICATION-UPDATE		
REV 4 RR-1	ISI-1,M-81 B-M	1/88 RR, 5/89 TER PR INR-WLD ATTACHMENTS	SUR OR UT	ACCESS	PLANT BT, PWR-M 1 RELIEF REQUEST AREA C-D INACCESSIBLE FOR SUR	2	NONE	ACC	SIGNIFICANT PERCENTAGE OF SUR EXAM WILL BE PERFORMED		
1	ISI-1, S-78 B.L.1	4/82 RR, 3/83 TER RCP CASING WELDS	VOL	CAST SST	PLANT D, PWR-B&W 3 RELIEF REQUESTS UT MET PROBLEM, RT-NEED MINAC	4	SUR	ACC		ISI	S-78
2	B.6.2	CROM FLANGE BOLTS	VT-1	ACCESS	SAMPLE PERIPHERAL BOLTS			ACC			
3		CL2 AUX FW PIPING	HYDRO	ALARA	HYDRO 46 OF 94 AT ALT CONDITION	46		ACC			
NDE-001	ISI-1, S-78 B-A	7/87 RR, 8/87 TER RPV CIRC SHELL WLD	UT	ACCESS	PLANT W, PWR-M 29 RELIEF REQUESTS OBSTRUCTIONS	1	NONE	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
NDE-002	B-A	RPV HEAD WLDS	UT	ACCESS	OBSTRUCTIONS	4	NONE	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
NDE-003	B-A	RPV HEAD-TO-FLANGE WLD	UT	ACCESS	OBSTRUCTION-FLANGE	1	EXTENT POS	ACC	LIMITED UT AND REQ FR TEST ACCEPTABLE		
NDE-004	B-D	RPV NOZZLE-TO-VESSEL WLDS	UT	ACCESS	OBSTRUCTIONS-NZL REINFORCEMENT	NOT AVL	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
NDE-008A	B-F	NOZZLE-TO-SAFE END WLDS	SUR, UT	GEOM	COMPONENT & WLD GEOM	2	EXTENT POS	ACC	LIMITED UT & SUR EXAM IS ACCEPTABLE		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
NDE-012A	B-D	NOZZLE INSIDE RADIUS	UT	GEOM	RR UT-COMPONENT GEOM 6		NONE	ACC	REQ PR TEST ACCEPTABLE		
NDE-008B	B-F	NOZZLE-TO-SAFE END WLDS	SUR, UT	GEOM	COMPONENT & WLD GEOM 7		EXTENT POS	ACC	LIMITED UT & SUR EXAM IS ACCEPTABLE		
NDE-012B	B-D	NOZZLE INSIDE RADIUS	UT	GEOM	CURVATURES & CAST SURFACE	NOT AVL	NONE	ACC	REQ PR TEST ACCEPTABLE		
NDE-008C	B-J	PR RET WLDS >4"NPS	SUR, UT	ACCESS	OBSTRUCTIONS	38	EXTENT POS	ACC	LIMITED UT AND/OR SUR ACCEPTABLE		
NDE-008Ca	B-J	PR RET WLDS >2"NPS	SUR, UT	ACCESS	OBSTRUCTIONS	4	EXTENT POS	ACC	LIMITED UT AND/OR SUR ACCEPTABLE		
NDE-006A	C-A	PR RET CIRC WLDS	UT	ACCESS	OBSTRUCTIONS-ALSO ALARA	10	EXTENT POS	ACC	EXT POS EXCEPT 2 GIRTH WLDS (ALARA)		
NDE-006Aa	C-B	PR RET NOZZLE WLDS	UT	ACCESS	OBSTRUCTIONS-ALSO ALARA	2	EXTENT POS	ACC	EXTENT POS ACCEPTABLE		
NDE-007	C-A	SHELL AND HEAD CIRC WLDS	UT	ACCESS	INSULATION	10	EXTENT POS	ACC	EXTENT POS ACCEPTABLE		
NDE-006B	C-A	SHELL AND HEAD WLDS	UT	ACCESS	OBSTRUCTIONS	8	EXT POS, SUR	ACC	ALT EXAM ACCEPTABLE		
NDE-008D	C-F	PR RET WLDS <1/2" WALL THK	SUR	ACCESS	OBSTRUCTIONS	1	EXTENT POS	ACC	ALT EXAM ACCEPTABLE		
NDE-008Da	C-F	PR RET WLDS >1/2" WALL THK	SUR, UT	ACCESS	OBSTRUCTIONS	7	EXTENT POS	ACC	ALT EXAM ACCEPTABLE		
NDE-008Db	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS	OBSTRUCTIONS	1	EXTENT POS	ACC	ALT EXAM ACCEPTABLE		
NDE-009	C-D	PR RET BOLTING >2" DIA	UT	EXAMINATION	RR TABLE IWC-2412-1	NOT AVL	PLANT SCHEDULE	ACC	PLANT MAINTENANCE SCHEDULE ACCEPTABLE		
NDE-010	C-G	PR RET WLDS IN PUMPS	SUR	ACCESS	PUMP DESIGN	1	PLANT SCHEDULE	ACC	PLANT MAINTENANCE SCHEDULE ACCEPTABLE		
1A		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWC-5000-PUMP SEALS	NOT AVL	IWA-5224(d) 1980	ACC	ALT EXAM ACCEPTABLE		
2A		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWC-5222-SYSTEM VALVES	NOT AVL	LK & CHEMISTRY	REJ	IMPRACICALITY NOT JUSTIFIED-NOT ENOUGH INFORMATION		
3		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWC-5000-COOLING WATER PIPING	NOT AVL	IWD 77578	REJ	IMPRACICALITY NOT JUSTIFIED-NOT ENOUGH INFORMATION		
5		HYDROSTATIC TESTS	HYDRO	TEST COND	RR CLASS 2 TEST PRESSURES	NOT AVL	CLASS 1	ACC	NOT ISOLABLE FROM CLASS 1-CLASS 1 PRESSURE ACC		
6		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWC-5000-RCP PIPING	NOT AVL	NONE	ACC	NOT ISOLABLE FROM RCP SEALS		
7		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWC-5000-RHR PUMP SUCTION	NOT AVL	NONE	ACC	NOT ISOLABLE-OPEN ENDED TO CONTAINMENT		
1B		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWD-5000-CENTRIFUGAL TYPE PUMPS	NOT AVL	IWA-5224(d) 1980	ACC	ALT EXAM ACCEPTABLE		
2B		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWD-5000-COOLING WATER SYSTEMS	NOT AVL	LK & CHEMISTRY	REJ	IMPRACICALITY NOT JUSTIFIED-NOT ENOUGH INFORMATION		
4		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWD-5000-EMBEDDED PIPING	NOT AVL	LK & PUMP TESTS	ACC	ALT EXAM ACCEPTABLE		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
NDE-005		EXEMPTED COMPONENTS		EXAMINATION	RR IWC-1220 74575	NOT AVL	IWC-1220 77578	ACC	ALT EXAM ACCEPTABLE		
					29 PLANT X, PWR-W 24 RELIEF REQUESTS						
NDE-001	ISI-1, S-7B B-A	7/87 RR, 8/87 TER RPV CIRC SHELL WLD	UT	ACCESS	OBSTRUCTIONS	1	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
NDE-002	B-A	RPV HEAD WLDs	UT	ACCESS	INSTRUMENT PENETRATIONS, DUCT SHROUD	4	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
NDE-003	B-A	RPV HEAD-TO-FLANGE WLD	UT	ACCESS	OBSTRUCTIONS	1	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
NDE-004	B-D	RPV NOZZLE-TO-VESSEL WLDs	UT	ACCESS	NOZZLE REINFORCEMENT	NOT AVL	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
NDE-005	B-D	NZL-TO-VSL, INSIDE RADIUS	UT	GEOM	COMPONENT CONFIG	NOT AVL	EXTENT POS	ACC	ALT EXAM ACCEPTABLE		
NDE-009A	B-F	NOZZLE-TO-SAFE END WLDs	SUR, UT	GEOM	RR UT-COMPONENT & WLD GEOM	3	EXTENT POS	ACC	LIMITED UT & SUR EXAM IS ACCEPTABLE		
NDE-009B	B-F	SG NOZZLE-TO-SAFE END WLDs	SUR, UT	GEOM	RR UT-COMPONENT & WLD GEOM	8	EXTENT POS	ACC	LIMITED UT & SUR EXAM IS ACCEPTABLE		
NDE-015	B-D	SG NOZZLE INSIDE RADIUS	UT	GEOM	CURVATURE & ORIENTATION	NOT AVL	NONE	ACC	VT-2 DURING PR TEST ACCEPTABLE		
NDE-009C	B-J	PIPING WELDS	SUR, UT	ACCESS	LUGS, HANGERS, PENETRATIONS	43	EXTENT POS	ACC	LIMITED UT AND/OR SUR ACCEPTABLE		
NDE-007A	C-A	PR RET CIRC WLDs	UT	ACCESS	OBSTRUCTIONS	8	EXTENT POS	ACC	ALT EXAM ACCEPTABLE		
NDE-007Aa	C-B	PR RET NOZZLE WLDs	SUR, UT	ACCESS	OBSTRUCTIONS	2	EXTENT POS	ACC	ALT EXAM ACCEPTABLE		
NDE-008	C-A	HEAD CIRC WLDs	UT	ACCESS	INSULATION	2	EXTENT POS	ACC	LIMITED UT ACCEPTABLE		
NDE-007B	C-A	HEAD WLD, TUBESHEET-TO-SHELL	UT	ACCESS	OBSTRUCTIONS	2	COMPOSITE SUR	ACC	ALT EXAM ACCEPTABLE		
NDE-009D	C-F	PR RET WLDs <1/2" WALL THK	SUR	ACCESS	OBSTRUCTIONS	1	EXTENT POS	ACC	LIMITED UT AND/OR SUR ACCEPTABLE		
NDE-009Da	C-F	PR RET WLDs >1/2" WALL THK	SUR, UT	ACCESS	OBSTRUCTIONS	6	EXTENT POS	ACC	LIMITED UT AND/OR SUR ACCEPTABLE		
NDE-010	C-D	PR RET BOLTING	UT	EXAMINATION	RR TABLE IWC-2412-1	NOT AVL	PLANT SCHEDULE	ACC	PLANT MAINTENANCE SCHEDULE ACCEPTABLE		
NDE-011	C-G	PR RET WLDs IN PUMPS	SUR	EXAMINATION	RR TABLE IWC-2412-1	NOT AVL	PLANT SCHEDULE	ACC	PLANT MAINTENANCE SCHEDULE ACCEPTABLE		
NDE-012		SCHEDULING WLD EXAM		EXAMINATION	RR IWC-2411		SINGLE STREAM	ACC	SINGLE STREAM SCHEDULING ACCEPTABLE		
1A		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWC-5000 CENTRIFUGAL TYPE PUMPS	NOT AVL	IWA-5224(d)	ACC	SEALS NOT DESIGNED FOR HIGH PRESSURES		
2A		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWC-5222 COOLING WATER SYSTEMS	NOT AVL	LK & CHEMISTRY	REJ	IMPRACTICALITY NOT JUSTIFIED-NOT ENOUGH INFORMATION		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
3		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWC-5000 COOLING WATER PIPING	NOT AVL	IWD 77578	REJ	IMPRACTICALITY NOT JUSTIFIED-NOT ENOUGH INFORMATION		
5		HYDROSTATIC TESTS	HYDRO	TEST COND	RR CLASS 2 TEST PRESSURES	NOT AVL	CLASS 1	ACC	NOT ISOLABLE FROM CLASS 1-CLASS 1 PRESSURE ACC		
6		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWC-5000 RCP SEALS	NOT AVL	NONE	ACC	NOT ISOLABLE FROM RCP SEALS		
7		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWC-5000 OPEN ENDED PIPING	NOT AVL	NONE	ACC	NOT ISOLABLE-OPEN ENDED TO CONTAINMENT		
18		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWD-5000 CENTRIFUGAL TYPE PUMPS	NOT AVL	IWA-5224(d)	ACC	SEALS NOT DESIGNED FOR HIGH PRESSURES		
28		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWD-5000 COOLING WATER SYSTEMS	NOT AVL	LK & CHEMISTRY	REJ	IMPRACICALITY NOT JUSTIFIED-NOT ENOUGH INFORMATION		
4		HYDROSTATIC TESTS	HYDRO	TEST COND	RR IWD-5000 EMBEDDED PIPING	NOT AVL	LK & PUMP TEST	ACC	ALT EXAM ACCEPTABLE		
NDE-006		EXEMPTED COMPONENTS		EXAMINATION	RR IWC-1220 74575	NOT AVL	IWC-1220 77578	ACC	ALT EXAM ACCEPTABLE		
1.A.1	ISI-1, S-75 B-D	9/82 RR, 9/82 TER CIRC SEAL WLD	UT	ACCESS	PLANT Y, PWR-M 14 RELIEF REQUESTS CRD HOUSING, VENTILATION SHROUD	2	NONE	L/ACC	ACC PORTIONS, VT @ PR TEST		
1.B.1	B-D	WZL-TO-VESSEL WLDs	UT	GEOM	RADIUS INTERFERENCE	1	NONE	L/ACC	UT FROM 1 SIDE USING FULL V-PATH, SUR, VT @ PR TEST		
1.B.2	B-H	INR-WLD SUPPORTS	UT	GEOM	WLD CONFIG, CURVATURE OF HEAD	1	NONE	L/ACC	UT FROM 1 SIDE, VT OTHER SIDE		
1.D.1	B-J	PIPING WELDS	UT	ACCESS	CLOSE PROXIMITY OF PIPE LUGS	2	NONE	NONE	RR NOT NEEDED THIS INTERVAL		
1.D.2	B-J	BR CONN WLDs >6"DIA	UT	GEOM	WLD CURVATURE & RADIUS	1	SUR	L/ACC	ALT EXAM, APPROVAL SHOULD BE GRANTED TO UPDATE TO 578		
1.D.3	B-K-1	INR-WLD SUPPORTS	UT	GEOM, ACCESS	CONFIGURATION & OBSTRUCTIONS	25	SUR	L/ACC	ALT EXAM, ACC PORTIONS EXAM TO CODE		
1.E.1	B-K-1	RC PMP INT WLD SUPPORTS	UT	CAST SST	HIGHLY ATTENUATIVE PROPERTIES	NOT AVL	SUR	L/ACC	PROVIDED ALT EXAM IS PERFORMED		
1.E.2	B-L-1	RC PMP CASING WLDs	RT	EXAMINATION	RR-BASE MTL 1 WALL THK BEYOND WLD	2	1/2"EA SIDE W/MINAC	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE TO 578		
11.B.1	C-6	MS & FW PIPING WLDs	UT	ACCESS	TOTALLY ENCLOSED IN SLEEVE	16	NONE	L/ACC	1ST PR BND WLD OUTSIDE, VT @ HYDRO & LK TEST		
11.B.2	C-6	MS PIPING WLDs	UT	ACCESS	WHIP RESTRAINT SURROUNDS WLDs	8	NONE	L/ACC	UT ADJACENT WLD, VT @ HYDRO & LK TEST		
11.B.3	C-6	MS & FW BR CONNECTIONS	UT	ACCESS	COVERED BY SADDLES	56	SUR	L/ACC	ALT EXAM, VT @ HYDRO & LK TEST		
11.B.4	C-6	CS PIPING	UT	EXAMINATION	QUALIFIES AS MODERATE-ENERGY SYS	NOT AVL	VT	REJ	VIOLATES 10 CFR 50.55a		

PMR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
11.B.5	C-6	ECCS PIPING	UT	EXAMINATION	QUALIFIES AS MODERATE-ENERGY SYS	NOT AVL	VT	REJ	VIOLATES 10 CFR 50.55a		
11.B.6	C-6	CVCS PIPING	UT	EXAMINATION	QUALIFIES AS MODERATE-ENERGY SYS	NOT AVL	VT	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE TO S7B		
1-2	ISI-2, W-80 B-D	4/84 RR, 2/86 TER PR, 56 NZL INSIDE RADIUS	UT	GEOM	PLANT 1, PMR-W 11 RELIEF REQUESTS RADIATION PREVENTS SUR INSIDE	NOT AVL	NONE	L/ACC	VT-2 DURING PRESSURE TESTS		
1-4	B-B	HX WLDS	UT	ALARA	9-12R/HR VSL PRIMARY SIDE	NOT AVL	VT @ HYDRO	ACC	ALT EXAM ACC		
1-5	B-D	HX NZL-TO-VSL WLDS	UT	GEOM	RADIATION PREVENTS SUR	NOT AVL	VT @ HYDRO	ACC	ALT EXAM ACC		
1-3	B-F	SB NZL-TO-SAFE END WLDS	SUR, UT	GEOM	ONLY 60% CAN BE UT	8	NONE	L/ACC	UT EXTENT PRACTICAL, SUR		
1-0	B-J	PIPING PR BOUNDARY WLDS	SUR OR UT	GEOM, ACCESS	EXAM TO EXTENT POS(USING 74575)	NOT AVL	NONE	REJ	NEED LIST OF WLDS, SPECIFIC INFORMATION		
1-8	B-B-1	PUMP BOLTING	UT	EXAMINATION	RR FROM UT IN PLACE	NOT AVL	SUR WHEN REMOVED	L/ACC	ALT EXAM, IF NOT REMOVED-UT IN PLACE, UNDER TENSION		
1-7	B-L-1	PUMP CASING WLDS	UT	ALARA	60-80R/HR, ALSO DAMAGE TO PUMPS	NOT AVL	VT @ DIS'M	L/ACC	ALT EXAM, VIBRATION MONITORING, SUR EXTERNAL, UT@DIS'M		
1-7	B-L-2	PUMP INTERNAL SURFACES	VT-3	ALARA	60-80R/HR, ALSO DAMAGE TO PUMPS	NOT AVL	VT @ HYDRO	L/ACC	ALT EXAM, VT @ DIS'M		
1-8	B-B-1	VALVE BOLTING	UT	EXAMINATION	RR FROM UT IN PLACE	NOT AVL	SUR WHEN REMOVED	L/ACC	ALT EXAM		
2-1	C-B	NZL INSIDE RADIUS	UT	EXAMINATION	PRESENT TECHNIQUE NOT ACCURATE	NOT AVL	NONE	L/ACC	VT DURING PRESSURE TESTS		
P-1	C-H	PIPING PR TESTS	HYDRO	TEST COND	POTENTIAL OVERPRESSURIZATION	NOT AVL	VT @ DP PR	L/ACC	ALT EXAM		
11.A.1	ISI-1, S-7B C-A	9/82 RR, 9/82 TER TUBESHEET-TO-SHELL WLD	UT	GEOM	PLANT 5, PMR-W 12 RELIEF REQUESTS GEOMETRICAL INTERFERENCE	NOT AVL	SUR	L/ACC	ALT EXAM		
11.A.2	C-B	PR RETAINING WLDS	SUR, UT	CAST SST	SUR NOT PRACTIBLE	NOT AVL	FULL UT	L/ACC	ALT EXAM		
11.A.3	C-B	RHR PR RETAINING WLDS	SUR, UT	ACCESS	COVERED BY REINFORCEMENT RING	2	REQ'D HYDRO	L/ACC	SUR ON REINFORCEMENT RING WELDS		
11.B.1	C-F	PR RETAINING WLDS	SUR, UT	CAST SST	SUR NOT PRACTIBLE	NOT AVL	FULL UT	L/ACC	ALT EXAM		
11.B.2	C-F	PR RETAINING WLDS	SUR, UT	GEOM	OBSTRUCTIONS, SUR CONDITIONS	NOT AVL	SUR, VT	L/ACC	MUST SUBMIT LISTING-UT TO EXTENT POSSIBLE		
1.A.1	B-A	CIRC WLD IN CLOSURE HD	UT	ACCESS	CONSTRAINTS-CRDM	1	REQ'D HYDRO	NONE	RR NOT REQUIRED-CAN EXAM OTHER ISI-2 CLOSURE HD WLDS		S-7B
1.D.1	B-F	RV NZL-TO-SAFE END WLDS	SUR, UT	ACCESS	SANDPLUG ACCESS	NOT AVL	EXTENT POS	L/ACC	MUST SHOW THAT LG PORTIONS ARE ACCES		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
I.D.2	B-J	PIPING WELDS	SUR, UT	CAST SST	SUR NOT PRACTIBLE	NOT AVL	FULL UT	L/ACC	ALT EXAM		
I.D.3	B-J	RC CROSSOVER LEG WLDs	SUR, UT	CAST SST	SST CASTINGS, ELECTROSLAG WLDs	NOT AVL	REQ'D HYDRO	L/ACC	SURFACE EXAM		
I.D.4	B-J	CIRC BUTT WLD	SUR, UT	ACCESS	ENCLOSED IN BIOLOGICAL SHIELD	1	REQ'D HYDRO	L/ACC	UT 1ST FR BOUNDARY OUTSIDE CONTAINMENT		
I.D.5	B-K-1	INR-WLD SUPPORTS	SUR, UT	GEOM	FILLET WELDS	NOT AVL	SUR, BASE MATL	L/ACC	ALT EXAM-SUR & UT BASE MATL OF PIPE WALL		
I.E.1	B-K-1	RC PUMP INR-WLD ATTS	SUR, UT	CAST SST	SUPPORTS	NOT AVL	SUR	L/ACC	ALT EXAM		
RR-6	ISI-2, W-81 B-A	4/88 RR, 7/88 TER RPV CIRC HEAD WLDs	UT	ACCESS	PLANT AN, PWR-W 26 RELIEF REQUESTS ENCLOSED WITHIN CRD PENETRATIONS	2	NONE-VT @ HYDRO	ACC	HYDRO WILL PROVIDE REASONABLE ASSURANCE OF INTEGRITY		
RR-7	B-B	PZR SHELL-TO-HEAD WLDs	UT	ACCESS	ENCLOSED-BIOLOGICAL & MISSILE SHIELD	2	VT @ HYDRO, ALT WLDs	ACC	PZR INTEGRITY DEMONSTRATED BY OPERATION-ALT ACCEPTABLE		
RR-9	B-D	PZR NOZZLE INSIDE RADIUS	UT	GEOM, SUR, ALA	AS-CAST SUR, NZL GEOM, 3-5 REM/HR	NOT AVL	NONE-VT @ HYDRO	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-12	B-F	PZR NOZZLE-TO-SAFE END WLDs	SUR, UT	GEOM, SUR	AS-CAST SUR, NZL GEOM, ELBOW CONFB	4	NONE	ACC	LIMITED UT & SUR ENSURE ACCEPTABLE LEVEL OF INTEGRITY		
RR-12a	B-F	SG NOZZLE-TO-SAFE END WLDs	SUR, UT	GEOM, SUR	AS-CAST SUR, NZL GEOM, ELBOW CONFB	8	NONE	ACC	LIMITED UT & SUR ENSURE ACCEPTABLE LEVEL OF INTEGRITY		
RR-B	B-D	HX HEAD & SHELL WLDs	UT	ALARA	1100 REM EXPOSURE	12	NONE-VT @ HYDRO	ACC	HYDRO ENSURES ACCEPTABLE LEVEL OF INTEGRITY		
RR-8b	B-J	PR RET WLDs NPS<4"	SUR	ALARA	1100 REM EXPOSURE	12	NONE-VT @ HYDRO	ACC	HYDRO ENSURES ACCEPTABLE LEVEL OF INTEGRITY		
RR-10	B-D	SG NZL INSIDE RADIUS	UT	GEOM, SUR, ALA	AS-CAST SUR, NZL GEOM, 25-40 REM/HR	NOT AVL	NONE-VT @ HYDRO	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-11	B-F	NZL-TO-SAFE END WLDs NPS>4"	SUR, UT	ACCESS	OBSTRUCTIONS, INSULATION	8	NONE-VT @ HYDRO	L/ACC	VT ENTIRE WLD-EQUIP DEMONSTRATE DD CRACKS DETECTED		
RR-13	B-M-2	VAL BODY INTERNAL SURFACES	VT-3	ALARA, DAMAGE	NON QUANTITATIVE, VALVE DAMAGE	2	VT @ HYDRO & DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-16	C-A	PR RET WLDs IN PIPING	UT	ACCESS, ALARA	INSULATION, 30-35 REM/HR	4	NONE-VT @ HYDRO	ACC	VT DURING HYDRO SUFFICIENT TO DEMONSTRATE INTEGRITY		
RR-16a	C-B	PR RET NZL WLDs IN VESSELS	SUR	ACCESS, ALARA	INSULATION, 30-35 REM/HR	4	NONE-VT @ HYDRO	ACC	VT DURING HYDRO SUFFICIENT TO DEMONSTRATE INTEGRITY		
RR-16-b	C-C	PR VSL INR-WLD ATTACHMENTS	SUR	ACCESS, ALARA	INSULATION, 30-35 REM/HR	4	NONE-VT @ HYDRO	ACC	VT DURING HYDRO SUFFICIENT TO DEMONSTRATE INTEGRITY		
RR-4	IWA-5244	PR RET COMPONENTS-SW LINES	VT-2	ALARA	NON QUANTITATIVE	2 LINES	NONE	REJ	LICENSEE DID NOT DISCUSS RADIATION LEVELS AT ALL		
RR-17	IWC-5222(a)	CONTAINMENT SPRAY LINE HYDRO	HYDRO	TEST COND	PR HIGHER THAN DESIGN	1 SEGMENT	VT @ PHP TEST	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-23	IWC-5222	SG & CONNECTING COMP HYDRO	HYDRO	TEST COND	PR HIGHER THAN DESIGN	NOT AVL	TEST TO IWB-5222	REJ	NO JUSTIFICATION-LOWERING PR NOT CONSIDERED UPGRADE		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
RR-24	IWA 5214	PIPING FOLLOWING REPAIR	HYDRO	TEST COND,DA	TURBINE DAMAGE DURING OPERATION	NOT AVL	LK TEST @ OP PR	REJ	LICENSEE HAS NOT SHOWN THAT RELIEF IS NECESSARY		
RR-18	IWD-5223	AUX COOLING SYS HEADERS	HYDRO	TEST COND	DESIGN TEMP MAY BE EXCEEDED	2	TEST @ OP PR	REJ	NO JUSTIFICATION-HYDRO CAN BE PERFORMED		
RR-19	IWD-5223(d)	SW SYS OPEN ENDED PORTIONS	HYDRO	CODE CLARIF	CODE DOES NOT CLARIFY CRITERIA	NOT AVL	TEST TO IWD-5223(d)	ACC	HYDRO IMPRACTICAL ON OPEN ENDED LINES		
RR-22	IWD-5000	DIESEL GENERATOR COOLERS	HYDRO	TEST COND	PR HIGHER THAN DESIGN	NOT AVL	TEST @ 142 PSIG	ACC	MANUFACTURER'S MANUAL LIMITS PR TO 150 PSIG		
RR-1	IWA-4400,4600	PR TEST & REPLACEMENTS	HYDRO	TEST COND	LINES NOT ISOABLE	NOT AVL	TEST @ SYS HYDRO	ACC	ALT ENSURES INTEGRITY-CODE CASE N-416		
RR-20	IWA-5211	COMPONENTS DURING SHUTDOWN	HYDRO	TEST COND	LESS FATIGUE @ PLANT NOT AVL	TEST IN OPERATION	REJ	INFO FOR SPECIFIC SYSTEMS NOT PROVIDED			
RR-2	IWA-2200(B)	WELD PREP & SCAN METHODS		GEOM,SUR	SYSTEMS DESIGNED IN 1960'S	53	ALT TECHNIQUE	ACC	PROPOSED TECHNIQUE (BEST EFFORT) WILL ENSURE INTEGRITY		
RR-3	IWA-2610	WLD REFERENCE SYS		ACCESS	NO ACCESS TO MARK COMPONENTS	NOT AVL	IF INDICATIONS	L/ACC	MARKED AS EXAMS ARE PERFORMED-NOT JUST ON INDICATIONS		
RR-5	IWA-6230	SUMMARY REPORT	90 DAYS		RELIEF FROM REPORTING WITHIN 90 DAYS		AS SOON AS POS	REJ	ASME CODE COMMITTEE DETERMINED 90 DAYS REASONABLE		
	B-D	NZL-TO-VSL WLDS,INSIDE RADIUS UT		ALARA	1100 REM EXPOSURE	24	NONE-VT @ HYDRO	ACC	HYDRO ENSURES ACCEPTABLE LEVEL OF INTEGRITY		
I.A.1	ISI-1, S-75 B-D	7/82 RR, 9/82 TER RV HEAD WLDS	UT	ACCESS	PLANT AN, PWR-M 49 RELIEF REQUESTS ENCLOSED INSIDE SHROUD	NOT AVL	VT FOR LK	L/ACC	EXAM ACCESS WLDS INCREASED-VT PER IWB-1220(c)		
I.A.2	B-F	NOZZLE-TO-SAFE END WLDS	SUR, UT	ACCESS	NONREMOVABLE INSULATION	NOT AVL	VT @ HYDRO	L/ACC	EXPANDED REMOTE UT-VT PER IWB-1220(c)		
I.A.3	B-I-1	CLOSURE HEAD CLADDING	VT, SUR OR UT	ALARA	HIGH EXP-NO QUANTITATIVE FIGURES	6 PATCHES	NONE	NONE	APPROVAL SHD BE GRANTED TO UPDATE S78-DELETES EXAM		
I.A.3a	B-I-1	VESSEL CLADDING	VT	ALARA	HIGH EXP-NO QUANTITATIVE FIGURES	6 PATCHES	NONE	NONE	APPROVAL SHD BE GRANTED TO UPDATE S78-DELETES EXAM		
I.B.1	B-D	LONG & CIRC SHELL WLDS	UT	ACCESS	ENCLOSED IN BIOLOGICAL SHIELD	NOT AVL	VT @ HYDRO	L/ACC	LENGTH OF ACCESS WLDS INCREASED-VT PER IWB-1220(c)		
I.B.2	B-F	NOZZLE-TO-SAFE END WLDS	SUR, UT	GEOM	FITTING GEOM	6	NONE	L/ACC	INACCESS VT IWB-1220(c)-PARTIAL ACCESS UPDATE TO S78		
I.B.3	B-I-1	VESSEL CLADDING	VT	ALARA	HIGH EXP-NO QUANTITATIVE FIGURES	NOT AVL	NONE	NONE	APPROVAL SHD BE GRANTED TO UPDATE S78-DELETES EXAM		
I.C.1	B-D	HX LONG & CIRC SHELL WLDS	UT	ALARA	25 R/HR FIELD-1100 REM EXPOSURE	NOT AVL	VT @ HYDRO	L/ACC	PROVIDED VT IS PERFORMED PER IWB-1220(c)		
I.C.2	B-D	HX NZL WLDS	UT	ALARA	25 R/HR	NOT AVL	VT @ HYDRO	L/ACC	PROVIDED VT IS PERFORMED PER IWB-1220(c)		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
1.C.3	B-I-2	SB VESSEL CLADDING	VT	ALARA	HIGH EXP-NO QUANTITATIVE FIGURES	NOT AVL	NONE	NONE	APPROVAL SHD BE GRANTED TO UPDATE 578-DELETES EXAM		
1.D.1	B-J	LONGITUDINAL PIPE WLDS	UT	CAST SST	UT CAN NOT BE PERFORMED TO CODE	NOT AVL	SUR, VT @ HYDRO	L/ACC	SUR & VT TO INB-1220(C)-IF SUR CAN'T BE DONE,RR		
1.D.1a	B-J	CIRCUMFERENTIAL PIPE WLDS	UT	ACCESS	ENCLOSED IN SHIELD & 14 OBSTRUCTIONS		SUR, VT @ HYDRO	L/ACC	EXT POS,SUR & VT-UPDATE TO 578		
1.D.2	B-J	BRANCH CONNECTION WLDS	UT	GEOM	CONFIG OF WLD SURFACE	6	EXT POS, SUR	L/ACC	UPDATE TO 578-SUR		
1.D.3	B-K-1	INR-WLD SUPPORTS	UT	GEOM	FILLET WLDS	NOT AVL	SUR	L/ACC	PROVIDED ALT EXAM IS PERFORMED		
1.E.1	B-B-1	RC BOLTING	SUR, UT	GEOM	RR FROM SUR-THREAD ROOT GEOM	NOT AVL	VT	L/ACC	VT PER INB-1220(c)-VT @ DIS'M		
1.E.2	B-K-1	RC PMP INT WLD SUPPORTS	UT	CAST SST	CAST FOOT WLD TO PMP CASING	NOT AVL	SUR	L/ACC	PROVIDED PROPOSED SUR EXAM IS PERFORMED		
1.E.3	B-L-1	PMP CASING WLDS	UT	CAST SST	WELDMENT OF 2 CAST SHELLS	NOT AVL	EXAM NEW TECH	NONE	UPDATE TO 578-APPLICATION OF MINAC MORE FEASIBLE		
11.A.1	C-A	SW HX CIRC BUTT WLD	UT	GEOM	MATERIAL THICKNESS	2	SUR, VT	L/ACC	PROVIDED ALT EXAMS ARE PERFORMED		
11.A.2	C-A	RC FILTER BUTT WLD	UT	GEOM	MATERIAL THICKNESS	3	SUR WHEN PRACT, VT	L/ACC	ALT EXAMS, IF SUR CAN'T BE DONE THEN VT @ HYDRO		
11.A.3	C-B	HX NZL-TO-VSL WLDS	UT	ACCESS	REINFORCEMENT PADS WLD OVER JUNC	NOT AVL	NONE	L/ACC	PROVIDED VT @ HYDRO PERFORMED TO IWC-5000		
11.A.4	C-C	INR-WLD SUPPORTS	SUR	ALARA	ANTICIPATED 6.5 MAN-REM	NOT AVL	NONE	L/ACC	IF EXP LEVEL EXCEEDS LIMITS-GRANTED W/VT @ HYDRO		
11.A.5	C-A	CIRC BUTT WLDS	UT	ALARA	ANTICIPATED 6.5 MAN-REM	NOT AVL	VT @ HYDRO	L/ACC	EXCEEDS LIMITS-VT PERFORMED TO IWC-5000		
11.A.5a	C-C	INR-WLD SUPPORTS	SUR	ALARA	ANTICIPATED 6.5 MAN-REM	NOT AVL	VT @ HYDRO	L/ACC	EXCEEDS LIMITS-VT PERFORMED TO IWC-5000		
11.A.5b	C-D	PR RET BOLTING	VT, SUR OR UT	ALARA	ANTICIPATED 6.5 MAN-REM	NOT AVL	VT @ HYDRO	L/ACC	EXCEEDS LIMITS-VT PERFORMED TO IWC-5000		
11.A.6	C-A	VSL CIRC BUTT WLDS	UT	ALARA	ANTICIPATED 6.5 MAN-REM	NOT AVL	SUR, VT	ACC	EXCEEDS LIMITS-ONLY VT @ HYDRO REQ		
11.A.7	C-C	INR-WLD SUPPORTS	SUR	ALARA	ANTICIPATED 6.5 MAN-REM	NOT AVL	VT @ HYDRO	L/ACC	PROVIDED VT @ HYDRO IS PERFORMED		
11.A.7a	C-D	PR RET BOLTING	VT, SUR OR UT	ALARA	ANTICIPATED 6.5 MAN-REM	NOT AVL	VT @ HYDRO	L/ACC	PROVIDED VT @ HYDRO IS PERFORMED		
11.A.8	C-A	CIRC BUTT WLDS	UT	EXAMINATION	EXAM TO TECHNICAL SPECIFICATION	NOT AVL	TECH SPEC	REJ	DIFFICULTY IN MEETING CODE NOT IDENTIFIED		
11.A.8a	C-B	NZL-TO-VSL WLDS	UT	EXAMINATION	EXAM TO TECHNICAL SPECIFICATION	NOT AVL	TECH SPEC	REJ	DIFFICULTY IN MEETING CODE NOT IDENTIFIED		
11.A.8b	C-C	INR-WLD SUPPORTS	SUR	EXAMINATION	EXAM TO TECHNICAL SPECIFICATION	NOT AVL	TECH SPEC	REJ	DIFFICULTY IN MEETING CODE NOT IDENTIFIED		
11.A.8c	C-D	PR RET BOLTING	VT, SUR OR UT	EXAMINATION	EXAM TO TECHNICAL SPECIFICATION	NOT AVL	TECH SPEC	REJ	DIFFICULTY IN MEETING CODE NOT IDENTIFIED		

PWR ISI RELIEF REQUESTS

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11.B.1	C-F,C-B	PIPING WELDS	UT	GEOM,ACCESS	OBSTRUCTIONS,CONFIGURATION	NOT AVL	SUR	L/ACC	EXTENT POS, SUR, VT @ HYDRO		
11.B.2	C-F	PIPING WELDS	UT	ALARA	ANTICIPATED 6.5 MAN-REM	NOT AVL	VT @ HYDRO	L/ACC	PROVIDED VT @ HYDRO IS PERFORMED		
111.A.1		COMPONENT COOLING SYSTEM	VT	ACCESS	DIRECT VT NOT POSSIBLE	6	INDIRECT VT-2	L/ACC	PROVIDED INDIRECT VT-2 IS PERFORMED		
111.A.2		RV COOLING SUPPORT BLOCKS	VT	ACCESS	DIRECT VT NOT POSSIBLE	4	INDIRECT VT-2	L/ACC	PROVIDED INDIRECT VT-2 IS PERFORMED		
IV.A.1		CLASS 1,2,3 PRESSURE TESTS	HYDRO	TEST COND	TEMP & PR CONDITIONS	NOT AVL	NONE	REJ	BLANKET CODE RELIEF NOT APPROPRIATE-SPECIFIC RR REQ		
IV.B.1		CLASS 1 PRESSURE TESTS	HYDRO	TEST COND	BETWEEN 2 CK VAL OR CLOSED VAL	12	NONE	REJ	NO JUSTIFICATION		
IV.C.1		CLASS 2 PRESSURE TESTS	HYDRO	TEST COND	NOT ISOLABLE FROM CLASS 1	NOT AVL	VT CLASS 1 PR	L/ACC	PROVIDED REQ OF 1WB-5220 ARE SUBSTITUTED		
IV.C.2		RHR SYS PRESSURE TEST	HYDRO	TEST COND	NOT DESIGNED FOR CODE REQ PR	6 LINES	ADJACENT LINE PR	REJ	DETERMINE IF TECH SPEC MEETS S78 AND IF SO UPDATE		
IV.C.3	BORON INJ TK,	PRESSURE TEST	HYDRO	TEST COND	DELETE REQ-CONTINUOUSLY MONITORED	NOT AVL	NONE	REJ	MODIFY REQ OR UPDATE TO S78		
IV.C.4		SG BLOWDOWN PRESSURE TEST	HYDRO	TEST COND	PR ONLY CONJ W/SG SECONDARY SIDE	NOT AVL	W/SECONDARY SIDE	REJ	APPROVAL SHOULD BE GRANTED TO UPDATE TO S78		
IV.C.5		PRESSURE TESTS	HYDRO	TEST COND	BETWEEN CONTAINMENT ISOLATION VAL	NOT AVL	NONE GIVEN	REJ	APPROVAL SHOULD BE GRANTED TO UPDATE TO S78		
IV.D.1		CLASS 3 PRESSURE TESTS	HYDRO	TEST COND	SYSTEMS IN CONTINUOUS USE	NOT AVL	VT @ OP PR	REJ	NO JUSTIFICATION-UPDATE TO S78-SPECIFIC RR		
V.A.1		UT EXAMINATION TECHNIQUES	UT	EXAMINATION	EXAM RECORDING LEVELS		REC >75%	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE TO S78		
V.A.2		UT CALIBRATION STANDARDS	UT	CAL BLOCK	CALIBRATION BLOCKS	NOT AVL	P* @ SPECIFICATION	ACC	USE OF EQUIVALENT "P" NUMBERS IS ACCEPTED		
1.A.1	ISI-1, S-75 B-B	4/82 RR, B/82 TER SHELL-TO-HEAD WLD	UT	ALARA	PLANT AM, PWR-W 22 RELIEF REQUESTS N/A IF 1250 MREM WHOLE BODY DOSE	1	VT @ LK TEST	REJ	WLD CAN BE EXAMINED FROM OUTSIDE		
1.A.2	B-B	SHELL-TO-HEAD WLD	UT	ACCESS	COMPLETELY ENCLOSED INSIDE SHROUD	1	VT @ PR TEST	L/ACC	PROVIDED VT IS PERFORMED TO 1WB-5000		
1.A.3	B-F	NOZZLE-TO-SAFE END WLD	SUR, UT	ACCESS	RR FROM SUR-ALSO HIGH RADIATION	NOT AVL	NONE	L/ACC	EXPAND UT EXAM-PLUS VT @ LK TEST		
1.B.1	B-B	LONG & CIRC SHELL WLD	UT	ACCESS	ENCLOSED IN BIOLOGICAL SHIELD	11	VT @ HYDRO	L/ACC	EXAM ACCESSIBLE WLD		
1.C.1	B-F	SG NZL-TO-SAFE-END WLD	SUR, UT	GEOM	NZL GEOM & SUR CONDITIONS	NOT AVL	UT EXTENT POS	REJ	INCREASED-VT @ PR TEST APPROVAL SHD BE GRANTED TO UPDATE TO S78-1 SIDE UT		
1.D.1	B-J	PIPING WELDS	UT	CODE CLARIF	S75 CODE DOESN'T DEFINE REQ	NOT AVL	AS REQ IN S78	L/ACC	UPDATE TO S78-EXAM TO 1WB-2500-1		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
I.D.1a	C-F,C-B	PIPING WELDS	UT	CODE CLARIF	S75 CODE DOESN'T DEFINE REQ	NOT AVL	AS REQ IN S78	L/ACC	UPDATE TO S78-EXAM TO IWC-2500-1		
I.D.2	B-J	PIPING WLDS >4" NPS	UT	GEOM	RR FOR WLDS W/GEOM LIMITATIONS	NOT AVL	EXT POS, SUR	REJ	ATTEMPT TO MEET S78 REQ-THEN REQUEST SPECIFIC RELIEF		
I.D.3	B-J	RCS CROSSOVER LEB WLDS	UT	CAST SST	MAT'L OPAQUE TO UT TRANSMISSIONS	NOT AVL	SUR	L/ACC	PROVIDED SUR EXAM IS PERFORMED		
I.D.4	B-J	BRANCH CONN WLDS >6" DIA	UT	GEOM	CONFIG-UT CAN'T BE PERFORMED	NOT AVL	EXT POS, SUR	NONE	THIS RR IS COVERED BY I.D.2		
I.D.5	B-K-1	INR-WLD SUPPORTS	UT	GEOM	CONFIG OF FILLET WLDS	NOT AVL	SUR	L/ACC	PROVIDED SUR EXAM IS PERFORMED		
I.E.1	B-K-1	RC PMPS INT WLD SUPPORTS	UT	GEOM	STRUCTURE-OPAQUE TO UT	NOT AVL	VT, SUR	L/ACC	PROVIDED VT AND SUR EXAMS ARE PERFORMED		
II.A.1	C-B	NZL-TO-VSL WLDS	UT	ACCESS	COVERED BY REINFORCEMENT PADS	NOT AVL	VT & LK TEST	L/ACC	PROVIDED VT IS PERFORMED TO IWC-5000		
II.B.1	C-F,C-B	PIPING WELDS	UT	CODE CLARIF	S75 CODE DOESN'T DEFINE REQ	NOT AVL	AS REQ IN S78	L/ACC	UPDATE S78-EXAM TO IWC-2500-1-V.A.1 OF THIS REPORT		
II.B.2	C-F,C-B	CIRC BUTT WLDS	UT	GEOM	DISCONTINUITIES	30	EXT POS, SUR	NONE	UPDATE TO S78		
II.A.3	C-F,C-B	BR PIPE-TO-PIPE WLDS	UT	GEOM	UT CAN'T BE PERFORMED	NOT AVL	EXT POS, SUR	NONE	UPDATE TO S78		
IV.B.1	IWB-5000	PRESSURE TESTS	HYDRO	TEST COND	NORMALLY CLOSED VALVES, CK VALVES	8 LINES	NONE	REJ	NO JUSTIFICATION		
IV.C.1	IWC-5000	PRESSURE TESTS	HYDRO	TEST COND	CAN'T BE ISOLATED FROM CLASS 1	10 LINES	VT & NORM OP TEMP	L/ACC	ALT EXAM PERFORMED TO REQ OF IWB-5220		
IV.D.1	IWD-5000	PRESSURE TESTS	HYDRO	TEST COND	SYSTEMS IN CONTINUOUS USE	NOT AVL	VT & NORM OP TEMP	REJ	NO JUSTIFICATION-UPDATE TO S78		
V.A.1	IWA-2000	UT EXAMINATION TECHNIQUES	UT	EXAMINATION	UT RECORDING LEVELS		APP 111 OF SEC XI	NONE	UPDATE TO S78 PARAGRAPH IWA-2232		
V.A.2	I-3121	UT CALIBRATION STANDARD	UT	CAL BLOCK	RR FROM REQUIREMENTS OF I-3121		W76 SEC V T-434.1	ACC	ALT EXAM		
V.B.1	IWC-1220	EXEMPTED COMPONENTS		EXAMINATION	RR FROM EXAM FOR CS SYS COMPONENTS			REJ	CAN'T BE GRANTED-10 CFR 50.55a(b)(iv)(A)		
					PLANT AD, PWR-W 19 RELIEF REQUESTS						
II.A.1	ISI-1, S-75	6/82 RR, 9/82 TER REG HX SHELL WLDS	UT	ALARA	56 MAN-REM	12	REQ'D HYDRO	L/ACC	ALT EXAM		
II.A.2	C-B	HX NXL-TO-VSL WLDS	UT	ACCESS	COVERED BY REINFORCEMENT PAD		REQ'D HYDRO	L/ACC	ALT EXAM		
II.A.3	C-A	SW RETURN SHELL WLDS	UT	GEOM	MATERIAL THICKNESS,.165-.250		SUR,VT	L/ACC	ALT EXAM		
II.A.4	C-A	RC SHELL WLDS	UT	GEOM	MATERIAL THICKNESS,.165-.250		SUR,VT	L/ACC	ALT EXAM		
II.A.5	C-A	SG SHELL WELD	UT	ACCESS	ANKER-HOLTH SNUBBER SUPPORT		NONE	L/ACC	REQ'D HYDRO		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
11.B.1	C-F	CIRC BUTT WLDS	UT	ACCESS	GEOM & SUPPORTS	42	SUR	L/ACC	UPDATE S-78, ALT EXAM, HYDRO		
11.B.1a	C-G	CIRC BUTT WLDS	UT	ACCESS	GEOM & SUPPORTS		SUR	L/ACC	UPDATE S-78, ALT EXAM, HYDRO		
11.B.2	C-F	BR PIPE-TO-PIPE WLDS	UT	ACCESS	ACCESS LIMITED TO 1 SIDE		SUR	L/ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
11.B.2a	C-G	BR PIPE-TO-PIPE WLDS	UT	ACCESS	ACCESS LIMITED TO 1 SIDE		SUR	L/ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
IV.B.1		PRESSURE TESTS	HYDRO	TEST COND	LINE BETWEEN 2 CK VALVES	17	NONE	REJ	NOT ENOUGH JUSTIFICATION		
IV.C.1		PRESSURE TESTS	HYDRO	TEST COND	NOT ISOLABLE FROM CLASS 1	19	VT N PR	L/ACC	IWB-5220 REQUIRED		
IV.D.1		PRESSURE TESTS	HYDRO	TEST COND	IN CONTINUOUS USE		VT N PR	REJ	NOT ENOUGH JUSTIFICATION, UPDATE S-78		
I.C.1	B-F	SG NZL-TO-SAFE END WLDS	SUR, UT	GEOM	NZL GEOM, SUR CONDITION		EXTENT POS	ACC	UPDATE TO S-78, PERMITS UT FROM ONE SIDE		
I.D.1	B-F	SAFE-END-TO PIPE WLDS	SUR, UT	GEOM	NZL GEOM, SUR CONDITION		EXTENT POS	L/ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
I.D.2	B-J	CIRC, LONG PIPE WLDS	UT	ACCESS	SUPPORTS, DESIGN	26	SUR	L/ACC	CIRC WLDS-REJ LONG WLDS-ACC		
I.D.3	B-J	BR PIPE CONN WLDS	UT	GEOM	UT CAN'T BE PERFORMED		SUR	L/ACC	UPDATE TO S-78, ALT EXAM		
I.D.4	B-K-1	INR-WLD SUPPORTS	UT	GEOM	FILLET WELDS		SUR	L/ACC	ALT EXAM		
I.E.1	B-G-1	RCF PUMP SEAL HSE BLTING	UT	ACCESS	SOC HD BLTING		EXAM @ DIS'M	L/ACC	ALT EXAM ONE EVERY 10 YRS.		
V.C.1		REPAIR PROCEDURES		CODE CLARIF	ACCORDANCE W/CONST CRITERIA			ACC	INCORPORATE INTO ISI PLAN		
RR-1-1	ISI-2, W-81 B-J	B/85 RR, 9/85 TER PIPING WLDS (74S75)	SUR, UT	ACCESS	10 RELIEF REQUESTS OBSTRUCTIONS	2	EXT POS	L/ACC	ALT EXAM, REQ SUR & PR TESTS, 25% SAMPLE IF PRACTICAL		
RR-1-1a	B-J	PIPING WLDS (74S75)	SUR	ACCESS	RR FROM UT, OBSTRUCTIONS	1	EXT POS	NONE	PIPE IS <4"NPS RELIEF NOT NECESSARY-UT NOT REQ		
RR-1-3	B-J	PIPING WLDS (74S75)	SUR, UT	GEOM	CAST SST, COMPONENT DESIGN	4	NONE	L/ACC	EVALUATE MINAC, REQ SUR & PRESSURE TESTS		
RR-1-4	B-J	PIPING WLDS (74S75)	SUR, UT	ACCESS	RR FROM UT, SUPPORTS	2	NONE	L/ACC	EXTENT POS, SUR & PR TESTS, 25% SAMPLE IF PRACTICAL		
RR-1-2	B-L-1	RC PUMP CASING WLD	UT	ALARA	35-100 MAN-REM, POTENTIAL DAMAGE	1	ACC PORTION, @DIS'M	L/ACC	ALT EXAM, REQ PR TESTS, DATA REQ BY INP		
RR-1-2a	B-L-2	RC PUMP INTERNALS	VT-1	ALARA	35-100 MAN-REM, POTENTIAL DAMAGE	2	VT @ DIS'M	L/ACC	ALT EXAM, REQ PR TESTS, DATA REQ BY INP		
RR-2-1	C-A	HX SHELL WLDS	UT	ALARA	6-7 R/HR-ACCUMULATED DOSE 56 REM COVERED BY REINFORCEMENT PADS	12	VT-2 @ LK TEST	L/ACC	ALT EXAM PERFORMED TO IWC-5000		
RR-2-2	C-B	HX NZL-TO-VSL WLDS	SUR	ACCESS	REINFORCEMENT PADS OBSTRUCTIONS	4	VT-2 @ LK TEST	L/ACC	ALT EXAM PERFORMED TO IWC-5000		
RR-2-3	C-F	PIPING WLDS (74S75)	UT	ACCESS	OBSTRUCTIONS	2	SUR	NONE	<1/2" WALL THK REQ SUR, RR NOT NECESSARY		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
E2-2	C-F	PIPING EXEMPTIONS	SUR, UT	EXAMINATION	NOT REQ TO PERFORM SYS FUNCTION	NOT AVL	NONE	REJ	DENIED UNLESS FLUID CHEMISTRY PERIODICALLY SAMPLED		
I.A.1	ISI-1, S-75 B-1-1	4/82 RR, 7/82 TER RV CLOSURE HEAD CLADDING	VT, SUR OR UT ACCESS		PLANT AP, PWR-CE 16 RELIEF REQUESTS SURFACE OXIDATION	6 PATCHES WHEN REMOVED		NONE	UPDATE TO S78-DELETES REQUIREMENT		
I.A.1	B-1-1	RV CLADDING	VT	ACCESS	NOT EXPLAINED	6 PATCHES WHEN REMOVED		NONE	UPDATE TO S78-DELETES REQUIREMENT		
I.B.1	B-1-2	PR VESSEL CLADDING	VT	CODE UPDATE		1 PATCH @ END OF INTERVAL		NONE	THIS IS NOT A RELIEF REQUEST-ALT EXAM MEETS REQ		
I.C.1	B-1-2	HX & SG CLADDING	VT	CODE UPDATE		@ END OF INTERVAL		NONE	THIS IS NOT A RELIEF REQUEST-ALT EXAM MEETS REQ		
I.E.1	B-K-1	INR-WLD SUPPORTS	UT	CAST SST	PUMP CASING IS CAST SST	NOT AVL	SUR	L/ACC	1 LUG EA INTERVAL, SUR FILLET WLD & BASE MAT'L		
I.E.2	B-L-1	PUMP CASING WLD	UT	GEOM	DUAL, HEAVY WALL CASINGS	NOT AVL	NONE	REJ	NO JUSTIFICATION-FINAL DECISION AT END OF INTERVAL		
I.F.1	B-G-1	SIS VALVE BOLTING	SUR, UT	GEOM	RR FROM UT-SPHERICAL ENDS	NOT AVL	VT TO B-B-2	NONE	S78 UPDATE WOULD SHIFT BOLTING TO CATEGORY B-G-2		
II.A.1	C-B	NZL-TO-VSL WLD	UT	EXAMINATION	ORIGINAL INSP W/P	4	EXT POS, SUR	NONE	UPDATE S78, MEET REQ C-B, C2.20-RR NOT NECESSARY		
II.A.2	C-C	SG SNUBBER LUGS	SUR	EXAMINATION	DELETE EXAM-LUGS DON'T CARRY LOAD	NOT AVL	NONE	REJ	NO JUSTIFICATION-SEISMIC EVENT LUGS WILL CARRY LOADS		
II.A.3	C-D	HX BOLTING >1" DIA	VT	EXAMINATION	DELETE EXAM ON <=2" DIA	NOT AVL	NONE	NONE	APPROVAL SHOULD BE GIVEN TO UPDATE TO S78-DELETES		
II.B.1	C-D	HS & SI BOLTING >1" DIA	VT	EXAMINATION	DELETE EXAM ON <=2" DIA	NOT AVL	NONE	NONE	APPROVAL SHOULD BE GIVEN TO UPDATE TO S78-DELETES		
II.C.1	C-D	SI PUMP BOLTING >1" DIA	VT	EXAMINATION	DELETE EXAM ON <=2" DIA	NOT AVL	NONE	NONE	APPROVAL SHOULD BE GIVEN TO UPDATE TO S78-DELETES		
II.D.1	C-D	VALVE BOLTING >1" DIA	VT	EXAMINATION	DELETE EXAM ON <=2" DIA	NOT AVL	NONE	NONE	APPROVAL SHOULD BE GIVEN TO UPDATE TO S78-DELETES		
IV.A.1	IWA-5210	PRESSURE TESTS	HYDRO	TEST COND	HOLD TIME REQUIREMENTS		W77 IWA-5213 REQ	NONE	APPROVAL SHOULD BE GIVEN TO UPDATE-S78 ALT EXAM OK		
IV.D.1	IWD-5200	PRESSURE TESTS	HYDRO	TEST COND	RELIEF FROM PR REQ FOR SW SYS		TEST @ 94 PSIG	NONE	APPROVAL SHOULD BE GIVEN TO UPDATE-S78 ALT EXAM OK		
V.A.1	IWA-2232	UT RECORDING LEVELS	UT	EXAMINATION	RELIEF FROM APPENDIX V		APPENDIX III	NONE	UPDATE TO S78 & IND 20% & > BE EVALUATED		
Pg.3	ISI-1A, S-75 B-L-1,B-L-2	RC PMP CASING WLD	UT, VT	CAST SST	2 RELIEF REQUESTS UT NOT MEANINGFUL-ALSO CONFB	NOT AVL	SUR 1 ACCESS WLD	L/ACC	SUR ACCESSIBLE WLD & PROPOSED VT @ DIS'M		
Pg.5	IWA-4210	PRESSURE TESTS	HYDRO	TEST COND	NO ISOLATION VALVES IN SG		VT FOR LK	NONE	RELIEF NOT REQ-(CODE CASE N-416)		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
RR09	ISI-2, W-81 B-A	12/86 RR, 4/87 TER RV DOME-TO-PEEL CIRC WLD	UT	ACCESS	8 RELIEF REQUESTS CRD HOUSINGS, CLAD-UT UNMEAN	1	VT-2, HYDRO	L/ACC	EXAM OTHER RV HD WLDS, UT WHEN HOUSINGS REMOVED		
RR01	B-D	CRD HOUSING WLDS	SUR OR UT	ACCESS	CRD HOUSINGS, PARTIALLY RECESSED	28	REQ'D HYDRO	L/ACC	ALT EXAM, ACCESS PORTIONS, UT WHEN HOUSINGS REMOVED		
RR03	B-J	PIPING WELDS	UT	GEOM	EXAM FROM ONE SIDE, USING 74575	29	REQ'D SUR, HYDRO	REJ	EXAM A 25% SAMPLE THIS INTERVAL		
RR02	B-L-1	PUMP CASING WLDS	UT	GEOM	CASING DESIGN, CAST SST	8	SUR	L/ACC	ALT EXAM, UP-TO-DATE UT AT INTERVAL END-ONE PUMP		
RR02	B-L-2	PUMP CASINGS	VT-3	ALARA	EXPOSURE, COST	8	EXAM @ DIS'M	L/ACC	ALT EXAM, VT FOR LEAKS DURING PRESSURE TESTS		
RR07	IWD-5000	PRESSURE TESTS	HYDRO	TEST COND	NOT ISOLABLE, 3 DIFFERENT PR DES	1	1.5 TIMES OP PR	L/ACC	ALT EXAM, VT-2 FOR LEAKAGE		
RR04	N/A	CAL BLOCK	UT	CAL BLOCK	USE BLOCK W/OUT ROLL BOND CLAD		EXISTING BLOCK	L/ACC	CONCURRENCE OF THE ANII & MRC STAFF		
RR06	INF-5000	SNUBBERS	VT-4	EXAMINATION	EXAM TO TECHNICAL SPECIFICATION	not avl		ACC	TECHNICAL SPECIFICATION EXCEEDS CODE		
PLANT T, PWR-M											
II.A.1	ISI-1, S-75 C-A	8/82 RR, 9/82 TER HX FLANGE WELDS	UT	ACCESS	17 RELIEF REQUESTS WELD CONFIG	NOT AVL	EXTENT POS	L/ACC	ALT EXAM, AND SUR EXAM		
II.A.2	C-A	SHELL & HD-TO-SHELL WLD	UT	GEOM	MATERIAL THICKNESS, .165-.185	NOT AVL	SUR,VT	L/ACC	ALT EXAM		
II.A.3	C-B	SB,FW NZL-TO-SHELL WLDS	UT	GEOM	GEOM OF NOZZLE	2	EXTENT POS	L/ACC	ALT EXAM		
II.A.4	C-B	HX NZL-TO-VESSEL WLDS	UT	ACCESS	COVERED BY REINFORCEMENT RINGS	NOT AVL	NONE	L/ACC	PRESSURE TEST IWC-5000		
II.B.1	C-F	PIPING WELDS	UT	ACCESS	COVERED BY REINFORCEMENT RINGS	NOT AVL	SUR,EXT POS	L/ACC	ALT EXAM		
II.B.1a	C-B	PR RET WLDS IN PUMPS,VAL	UT	ACCESS	COVERED BY REINFORCEMENT RINGS	NOT AVL	SUR,EXT POS	L/ACC	ALT EXAM		
II.C.1	C-F	PUMP CASING WLDS	UT	GEOM	VARIED METAL THICKNESSES	NOT AVL	VT @ DIS'M	L/ACC	ALT EXAM		
IV.B.1	CLASS 1	PRESSURE TESTS	HYDRO	TEST COND	NO REASON	46	NONE	REJ	NO JUSTIFICATION		
IV.C.1	CLASS 2	PRESSURE TESTS	HYDRO	TEST COND	CAN'T BE ISOLATED FROM CLASS 1	25	N OPER TEMP	L/ACC	ALT EXAM		
IV.D.1	CLASS 3	PRESSURE TESTS	HYDRO	TEST COND	IN CONTINUOUS USE	NOT AVL	N OPER TEMP	REJ	NO JUSTIFICATION-UPDATE TO S-78		
I.A.1	B-I-1	CLOSURE HD,VESSEL CLAD	VT, SUR OR UT	ALARA	HIGH RAD LEVELS	1	NONE	L/ACC	UPDATE TO S-78 TO DELETE REQUIREMENT	ISI-1	S-75
I.B.1	B-F	NOZZLE-TO-SAFE END WLDS	SUR, UT	GEOM	GEOMETRIC, ACCESSIBILITY	NOT AVL	EXTENT POS	REJ	UPDATE TO S-78 WHICH PERMITS LIM UT & SUR		
I.D.1	B-J	BR PIPE CONN WLDS >6" DIA	UT	GEOM	GEOMETRIC CONFIG OF WLD SURFACE	NOT AVL	SUR,EXT POS	L/ACC	SUR EXAM & UPDATE TO S-78		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
1.D.2	B-K-1	1NR-WLD SUPPORTS	UT	GEOM	FILLET WELDS	NOT AVL	SUR	L/ACC	ALT EXAM		
1.E.1	B-G-1	RCP SEAL HSE BLTING	SUR, UT	ACCESS	SDC HD TYPE	NOT AVL	EXAM @ DIS'M	L/ACC	ALT EXAM		
1.E.2	B-L-1	PUMP CASING WELDS	UT	ALARA	HIGH RAD LEVELS	NOT AVL	ATTEMPT RT	REJ	NOT ENOUGH INFORMATION SUPPLIED		
1.F.1	B-G-1	PR RET BLTING, REMOVED	SUR, UT	EXAMINATION		NOT AVL	EXAM @ DIS'M	NONE	RELIEF NOT REQUIRED		
ONS-001	ISI-2, W-80 B-F	8/86 RR, 2/87 TER SAFE END WLD	SUR, UT	ALARA	PLANT AD, PWR-B&W 14 RELIEF REQUESTS 60-120 MAN-REM EXPOSURE	2	END OF INT, 1D EXAM	L/ACC	DEMONSTRATE ALT EXAM DETECTS OD FLAWS		
ONS-002	B-J	NZL-TO-PIPE WLD	SUR, UT	ALARA	REL FR SUR, 700-1000MR/HR EA UNIT	6	UT FROM 1D	L/ACC	DEMO ALT EXAM DETECTS OD, FOLLOWS SCHEDULE REQ'S		
2.B.1	C-F	CS PIPING WLD	SUR	ACCESS	DANGEROUS, SOME IN CONCRETE	NOT AVL	NONE	L/ACC	ACC ONLY THOSE IN CONCRETE, REVIEW CODE CASE N-408		
ONS-005	B-P	RCS PIPE SECTIONS	HYDRO	ACCESS	SAFETY REQ'S-VALVE STAYS CLOSED	6 SEC	PT	L/ACC	ALT EXAM & UT TO EXTENT POSSIBLE		
IV.A.2	IWA-4440	PRESSURIZER CHECK VALVE	HYDRO	TEST COND	PZR HAS TO BE PRESSURIZED	1	PT, VT	ACC	ALT EXAM ACC		
IV.B.1	IWA-4440	SG DRAIN LINES	HYDRO	TEST COND	SG & MS LINES FILLED 3 W/WATER	3	PT, HYDRO ALT TIME	L/ACC	INSUFFICIENT INFO, FOLLOW CODE CASE N-416 REQ'S		
IV.C.1	IWA-4440	FW EMERG STM DRAIN VAL	HYDRO	TEST COND	VALVE NOT ISOLABLE	1	PT, VT FOR LEAKS	NONE	RR NOT REQUIRED, IWA-4440 EXEMPTS VALVES <=1"NPS		
IV.C.2	D-A	FW EMERG SYS PIPING	HYDRO	TEST COND	PIPE NOT ISOLABLE FROM SG	1 SEC	0 SG HYDRO TEST	ACC	ALT EXAM ACC		
IV.C.3	IWA-4440	FW EMERG OIL COOLER LINE	HYDRO	TEST COND	WLD NOT ISOLABLE	1	PT, VT FOR LEAKS	ACC	ALT EXAM ACC		
IV.C.4	D-B	HYDROGEN PURGE CART	HYDRO	TEST COND	NOT ISOLABLE, WOULD DAMAGE BLOWER	1	VT	ACC	ALT EXAM ACC		
ONS-003	N/A	CAL BLOCK	UT	CAL BLOCK	BLOCK USED IN 1ST 10 YR INT		EXISTING BLOCK	REJ	NO JUSTIFICATION		
ONS-004	N/A	CAL BLOCKS	UT	CAL BLOCK	BLOCKS USED IN 1ST 10 YR INT, (6)		EXISTING BLOCKS	REJ	NO JUSTIFICATION		
V.3	N/A	START DATE, CODE DATE			START 3/1/84, USE BOWBO CODE			ACC	BOWBO & BOWBI ESSENTIALLY THE SAME		
VI.1	IMF-5300,5400	SNUBBERS	FUNC TEST	EXAMINATION	EXAM TO TECHNICAL SPECIFICATION	NOT AVL	TECH SPEC	REJ	REVISE TECHNICAL SPECIFICATION TO CODE		
NO.54	ISI-2, W-81 B-H	12/83 RR, 9/84 TER RV INT WLD SUPPORTS	SUR OR UT	ACCESS	PLANT AR, PWR-W 27 RELIEF REQUESTS VESSEL OD NOT ACCESSIBLE	2	CORE BARREL REMOVAL	ACC	DEFERRED TO END OF INTERVAL WHEN CORE BARREL IS REMOVED		
NO.66	B-D	PR NZL INSIDE RADII	UT	ALARA	8-10 MAN-REM PER UNIT	NOT AVL	SPRAY NZLS EXT POS	L/ACC	PROVIDED SPRAY NZLS EXAM-REMAINING NZLS IF IND FOUND		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
NO.66a	B-D	HX NZLS	UT	ALARA	8-10 MAN-REM PER UNIT	NOT AVL	SPRAY NZLS EXT POS	L/ACC	PROVIDED SPRAY NZLS EXAM REMAINING NZLS IF IND FOUND		
NO.45	B-B	PR RET VSL WLDs	UT	EXAMINATION	REQUEST TO USE APP III OF SEC XI	NOT AVL	APPENDIX III	ACC	USE APPENDIX III OF SEC XI, BOWBI		
NO.50	B-J	CIRC PIPE WLDs >4" NPS	SUR, UT	ACCESS	SAFETY INJ PIPING EMBEDDED CONCRETE	NOT AVL	NONE	L/ACC	PROVIDED VT FOR LEAKAGE @ PR TESTS		
NO.63	B-L-1	RC PMP CASING WLDs	UT	ALARA	40-43.9 MAN-REM EXPOSURE	NOT AVL	VT @ HYDRO,SUR	L/ACC	PROVIDED VT @ HYDRO, WLDs & HEAT AFFECTED ZONE SUR		
NO.63a	B-L-2	PUMP CASINGS	VT	DAMAGE	DISSASSEMBLY REQ'D-DAMAGE POSSIBLE	NOT AVL	VT @ DIS'M	L/ACC	PROVIDED INTERIOR SURFACES EXAM IF PUMP DIS'M		
NO.52	F-A,F-B,F-C	SUPPORTS	VT	ACCESS	COVERED BY INSULATION	NOT AVL	VT @ REMOVAL	L/ACC	PROVIDED INSULATION REMOVED ON CONNECTIONS & WLDs		
NO.45a	C-A	RHR HEAT EXCHANGERS	UT	EXAMINATION	REQUEST TO USE APP III OF SEC XI	NOT AVL	APPENDIX	ACC	USE APPENDIX III OF SEC XI, BOWBI		
NO.66b	C-B	MS & ACCUMULATOR NZLS	UT	ALARA	8-10 MAN-REM PER UNIT	NOT AVL	SPRAY NZLS EXT POS	L/ACC	PROVIDED SPRAY NZLS EXAM-REMAINING NZLS IF IND FOUND		
NO.50a	C-F,UNIT 1	PIPING <=1/2" WALL THK	SUR	ACCESS	STEEL PLATE, CONCRETE	10	NONE	L/ACC	PROVIDED VT FOR LEAKAGE @ PR TESTS-VT TO IWF-2500-1		
NO.50b	C-F,UNIT 1	PIPING >1/2" WALL THK	SUR, UT	ACCESS	STEEL PLATE, CONCRETE	31	NONE	L/ACC	PROVIDED VT FOR LEAKAGE @ PR TESTS-VT TO IWF-2500-1		
NO.50c	C-C,UNIT 1	SUPPORTS	SUR	ACCESS	STEEL PLATE, CONCRETE	22	NONE	L/ACC	PROVIDED VT FOR LEAKAGE @ PR TESTS-VT TO IWF-2500-1		
NO.50d	C-F,UNIT 2	PIPING <=1/2" WALL THK	SUR	ACCESS	STEEL PLATE, CONCRETE	30	NONE	L/ACC	PROVIDED VT FOR LEAKAGE @ PR TESTS-VT TO IWF-2500-1		
NO.50e	C-F,UNIT 2	PIPING >1/2" WALL THK	SUR, UT	ACCESS	STEEL PLATE, CONCRETE	28	NONE	L/ACC	PROVIDED VT FOR LEAKAGE @ PR TESTS-VT TO IWF-2500-1		
NO.50f	C-F,UNIT 2	BRANCH CONNECTION WLD	SUR	ACCESS	STEEL PLATE, CONCRETE	3	NONE	L/ACC	PROVIDED VT FOR LEAKAGE @ PR TESTS-VT TO IWF-2500-1		
NO.50g	C-C,UNIT 2	SUPPORTS	SUR	ACCESS	STEEL PLATE, CONCRETE	6	NONE	L/ACC	PROVIDED VT FOR LEAKAGE @ PR TESTS-VT TO IWF-2500-1		
NO.50h	F-A,F-B,F-C	SUPPORTS	VT	ACCESS	STEEL PLATE, CONCRETE	14	NONE	L/ACC	PROVIDED VT FOR LEAKAGE @ PR TESTS-VT TO IWF-2500-1		
NO.52a	F-A,F-B,F-C	SUPPORTS	VT	ACCESS	COVERED BY INSULATION	NOT AVL	VT @ REMOVAL	L/ACC	PROVIDED INSULATION REMOVED ON CONNECTIONS & WLDs		
NO.60	B-P	PIPING	HYDRO	TEST COND	RR FROM HYDRO-NOT ISOLABLE FROM RCS	1 SECTION SUR		L/ACC	PROVIDED SUR IS PERFORMED TO IWB-2000		
NO.29	C-H	PIPING	HYDRO	TEST COND	RR FROM PRESSURES-NOT ISOLABLE	6 SECTION VT @ OP PR		L/ACC	VT @ NORMAL OP PR-TESTED IN ACCORDANCE TO IWB-5000		
NO.68	C-H	SB SECONDARY SIDE	HYDRO	TEST COND	WOULD CAUSE OVER PR CONDITION	4 SECTION TEST TO IWB-5000		L/ACC	VT TO IWC-5222-TEST TO IWB-5000		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
NO.28	D-A	CM & RETURN HEADERS	HYDRO	TEST COND	RR FROM IWD-2410	NOT AVL	VT-ISOLABLE EXT POS L/ACC		OPERATIONAL SURVEILLANCE-VT EACH 1/3 INT, ADVERSE COND		
NO.30	D-A	PIPING	HYDRO	TEST COND	RR FROM IWD-2410-NOT 3 SECTION		VT-ISOLABLE EXT POS L/ACC		OPERATIONAL SURVEILLANCE-VT EACH 1/3 INT, ADVERSE COND		
NO.31	D-A	DIESEL FUEL TANKS & PIPING	HYDRO	ACCESS	TANKS & PIPING UNDERGROUND	NOT AVL	DAILY LEAK CHECKS	ACC	YR CK FOR MOISTURE-MO CK ON TANK LEVEL IS PERFORMED		
NO.48		UT PROCEDURE-BOLTS,STUDS	UT	EXAMINATION	REQUEST TO USE BACK REFLECTION	NOT AVL	BACK REFLECTION	L/ACC	PROVIDED METHOD IS VERIFIED BY RESIDENT INSPECTOR		
NO.56		CAL BLKS-PIPES >20" DIA	UT	CAL BLOCK	REQUEST TO USE FLAT BLOCKS	NOT AVL	BOWBI SECTION V	ACC	SECTION V IS ACCEPTABLE		
I.A.1	ISI-1, S-75 B-D	2/82 RR, 6/82 TER NZL WLDS	UT	ACCESS	PLANT AS, PWR-M & RELIEF REQUESTS NECESSARY TO REMOVE CORE BARREL	6	Ø REMOVAL	L/ACC	EXAM ALL 6 WHEN CORE BARREL IS REMOVED		
I.A.2	B-F	SI NZL-TO-SAFE END WLDS	SUR, UT	ACCESS	ENCLOSED BY CONCRETE SLEEVE	6	NONE	L/ACC	IF ANY OTHER SAFE END WLDS SHOW IND EXAM AT SHUTDOWN		
I.A.3	B-H	INR-WLD SUPPORTS	UT	ACCESS	RR FROM SCHEDULE IWD-2411	2	Ø REMOVAL	ACC	EXAM WHEN CORE BARREL IS REMOVED EVERY 10 YR		
I.A.4	B-I-1	VESSEL CLADDING	VT	ACCESS	<7" VISIBLE ABOVE CORE BARREL	6 PATCHES	Ø REMOVAL	NONE	UPDATE TO S78-DELETES REQUIREMENT		
I.C.1	B-H	INR-WLD SUPPORTS	UT	BEOM	CURVATURES OF VSL END CAPS	NOT AVL	VT ACC PORTIONS	L/ACC	PROVIDED ALT EXAM IS PERFORMED		
I.E.1	B-K-1	PHP INT WLD SUPPORTS	UT	CAST SST	UT WAVES DO NOT PRPGATE WELL	NOT AVL	VT	L/ACC	PROVIDED ALT EXAM IS PERFORMED		
I.E.2	B-L-1	RC PHP CASING WLDS	UT	ALARA	36 MAN-REM-\$700,000 LOSS	1	EXAM TO S78	NONE	APPROVAL TO UPDATE SHOULD BE GRANTED		
NDE-1	ISI-1, S-75 B-C	4/82 RR, 8/82 TER VSL-TO-FLANGE WLDS	1/83 SER UT	ACCESS	PLANT AT, PWR-B&W 16 RELIEF REQUESTS OBSTRUCTION-CORE SUPPORT ASSY	NOT AVL	ACCESSIBLE AREA	REJ	UPDATE TO S78-DEFERS EXAM TO INTERVAL END	GRANTED	
NDE-2	B-D	NZL-TO-VSL WLDS	UT	ACCESS	OBSTRUCTION-CORE SUPPORT ASSY	6	NZL BORE EXAM (2)	L/ACC	ALT EXAM	GRANTED	
NDE-3	B-6-2	CRDM BOLTING	VT	ACCESS	LOCATION OF COMPONENTS	552	EXAM Ø CRDM REMOVAL	L/ACC	ALT EXAM & VT DURING HYDRO	GRANTED	
NDE-13	B-H	VSL INT WLD SUPPORTS	UT	ALARA	2R/HR OUTSIDE INSULATION SUR		NONE	L/ACC	UPDATE TO W79-ALLOWS VT OR DO A SUR EXAM INSIDE	NOT GRANTED	
NDE-4	B-I-1	CLOSURE HEAD CLADDING	VT, SUR OR UT	ALARA	15R/HR-45 MAN-REM EXPOSURE	6 PATCHES	NONE	REJ	UPDATE TO S78-DELETES REQUIREMENT	GRANTED	
NDE-4a	B-I-1	VESSEL CLADDING	VT	ALARA	15R/HR-45 MAN-REM EXPOSURE	6 PATCHES	NONE	REJ	UPDATE TO S78-DELETES REQUIREMENT	GRANTED	
NDE-4b	B-I-2	VESSEL CLADDING	VT	ALARA	15R/HR-7.5 MAN-REM EXPOSURE	1 PATCH	NONE	REJ	UPDATE TO S78-DELETES REQUIREMENT	GRANTED	

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
NDE-4c	B-I-2	SG VESSEL CLADDING	VT	ALARA	15R/HR-15 MAN-REM EXPOSURE	1 PATCH	NONE	REJ	UPDATE TO S78-DELETES REQUIREMENT	GRANTED	
NDE-5	B-F	SAFE-END-TO PIPING WLDS	SUR, UT	ALARA	RR FROM SUR-10R/HR-30 MAN-REM EXP	2 NZL	UT FROM NZL ID	L/ACC	EXPAND AREA EXAMINED UT-INCLUDE AREA OF SUR EXAM	GRANTED	
NDE-6	B-K-1	1MR-WLD SUPPORTS	UT	EXAMINATION	M76 PERMITS SUR OR UT	NOT AVL	SUR	REJ	UPDATE TO S78-ALLOWS SUR OR UT	GRANTED	
NDE-7	B-L-1	RC PMP CASING WLDS	UT	CAST SST	TECHNIQUES NOT AVAILABLE	NOT AVL	NONE	REJ	UPDATE TO S78-EXAM 1/2" EITHER SIDE W/HINAC	NOT GRANTED	9/84 GRANTED-AGREED TO 1/2"-ADDED B-L-2, B5.7
NDE-8	C-B	NZL-TO-VSL WLDS	UT	GEOM	WLD JOINT CONFIG-RING PLATE	NOT AVL	SUR	REJ	UPDATE TO S78-PERMITS SUR ON NZL = (1/2" THK	GRANTED	
NDE-9	C-E-2	SUPPORTS	VT	ACCESS	COVERED BY INSULATION	NOT AVL	ABNORMALITY DETECT	L/ACC	EXAM PIPE STRAP CONNECTIONS-ALT EXAM	GRANTED	
NDE-10		PMP PRESSURE TESTS	HYDRO	TEST COND	RELIEF FROM CODE REQ PR		TEST @ OP PR	REJ	UPDATE TO S78-PERMITS REDUCED PRESSURE	NOT GRANTED	
NDE-11		PMP PRESSURE TESTS	HYDRO	TEST COND	RELIEF FROM CODE REQ PR-DAMAGE		VT @ LK TEST	REJ	UPDATE TO S78-REDUCES PR-NO SEAL DAMAGE	NOT GRANTED	
NDE-12		PRESSURE TESTS	HYDRO	TEST COND	RELIEF FROM CODE REQ PR-DAMAGE		VT @ LK TEST	REJ	UPDATE TO S78-REDUCES PR-NO SEAL DAMAGE	NOT GRANTED	
B-1	ISI-1, S-79 B-D	2/86 RR, 9/86 TER PZR NZL TO VSL WLDS	UT	ACCESS	PLANT AU, PWR-CE 14 RELIEF REQUESTS EXAM FROM VESSEL SIDE ONLY	NOT AVL	1 SIDE & DIRECTION	L/ACC	ALT EXAM AND VT FOR LEAKAGE		
B-1	B-D	SG NZL-TO-VSL WLDS	UT	ACCESS	EXAM FROM VESSEL SIDE ONLY	NOT AVL	1 SIDE & DIRECTION	L/ACC	ALT EXAM AND VT FOR LEAKAGE		
B-4	B-J	BR CONN WLDS >2"DIA	SUR, UT	ACCESS	EXAM FROM PIPING SIDE ONLY	NOT AVL	1 SIDE	NONE	RR NOT REQUIRED, IN COMPLIANCE W/ARTICLE 111-4420		
B-7	B-F	SAFE END WLDS	SUR, UT	EXAMINATION	EXAM UT ONLY, COMPARIBILITY W/PSI	NOT AVL	UT ONLY	L/ACC	PERFORMS SUR @ REFUELING, DEMO UT DETECTS DD FLAWS		
B-7	B-J	PIPING WLDS >4"NPS	SUR, UT	EXAMINATION	EXAM UT ONLY, COMPARIBILITY W/PSI	NOT AVL	UT ONLY	L/ACC	PERFORMS SUR @ REFUELING, DEMO UT DETECTS DD FLAWS		
B-7	B-J	PIPING WLDS <4"NPS	SUR, UT	EXAMINATION	EXAM UT ONLY, COMPARIBILITY W/PSI	NOT AVL	UT ONLY	L/ACC	PERFORMS SUR @ REFUELING, DEMO UT DETECTS DD FLAWS		
B-7	B-J	BR CONN WLDS	SUR, UT	EXAMINATION	EXAM UT ONLY, COMPARIBILITY W/PSI	NOT AVL	UT ONLY	L/ACC	PERFORMS SUR @ REFUELING, DEMO UT DETECTS DD FLAWS		
B-7	B-J	SOCKET WLDS	SUR, UT	EXAMINATION	EXAM UT ONLY, COMPARIBILITY W/PSI	NOT AVL	UT ONLY	L/ACC	PERFORMS SUR @ REFUELING, DEMO UT DETECTS DD FLAWS		
3.1.5.1	B-H-1	WLDS IN VALVE BODIES	SUR, UT	CAST SST	IMPEDENCE MISMATCH, UT USELESS	8 VALVES	SUR ONLY	L/ACC	ALT EXAM, VT @ DIS'M, VT FOR LEAKAGE		
C-1	C-B	SG NZL-TO-VSL WLDS	UT	ACCESS	EXAM FROM VESSEL SIDE ONLY	NOT AVL	1 SIDE & DIRECTION	L/ACC	ALT EXAM AND VT FOR LEAKAGE		
C-4	C-B	HX NZL-TO-VSL WLDS	SUR, UT	ACCESS	SADDLES WELDED TO NZLS	NOT AVL	SUR	L/ACC	ALT EXAM AND VT DURING HYDRO		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
C-7	C-F	CIRCUMFERENTIAL WLDS	SUR, UT	EXAMINATION	EXAM UT ONLY, COMPARIBILITY W/PSI	NOT AVL	UT ONLY	L/ACC	PERFORMS SUR @ REFUELING, DEMO UT DETECTS DD FLAWS		
C-7	C-F	LONGITUDINAL WLDS	SUR, UT	EXAMINATION	EXAM UT ONLY, COMPARIBILITY W/PSI	NOT AVL	UT ONLY	L/ACC	PERFORMS SUR @ REFUELING, DEMO UT DETECTS DD FLAWS		
C-5	C-E	INR-WELDED SUPPORTS	SUR	EXAMINATION	EXAM TO 74576	NOT AVL	>3/4"THK	NONE	RR NOT REQ'D, CONCLUDED LICENSEE IS MEETING CODE		
REV 0 RR-1	ISI-2,5-83 B-A	B/BB RR, 1/89 TER RPV WLDS	UT	ACCESS	PLANT BS, PWR-CE 13 RELIEF REQUESTS OBSTRUCTIONS	2	NONE	ACC	LIMITED EXAM PROVIDES ASSURANCE OF STRUCTURAL INTEGRITY	GRANTED	1/89 SER
RR-1a	B-A	RPV WLDS	UT	ACCESS, GEOM	OBSTRUCTIONS, INTERFA 2 CE NOISE		NONE	ACC	LIMITED EXAM PROVIDES ASSURANCE OF STRUCTURAL INTEGRITY	GRANTED	
RR-1b	B-A	SHELL-TO-FLANGE WLD	UT	GEOM	INTERFACE NOISE	1	NONE	ACC	LIMITED EXAM PROVIDES ASSURANCE OF STRUCTURAL INTEGRITY	GRANTED	
RR-4	B-D	NZL WLDS	UT	GEOM	CONFIGURATION, INTERF 6 ACE NOISE		NONE	ACC	UT TO MAXIMUM EXTENT PRACTICAL	GRANTED	
RR-5	B-D	NZL-TO-VSL WLDS	UT	ACCESS, GEOM	CONFIGURATION, OBSTRUCTIONS	6	NONE	ACC	UT TO MAXIMUM EXTENT PRACTICAL	GRANTED	
RR-3a	B-B	STEAM GENERATOR HEAD WLDS	UT	ACCESS	OBSTRUCTIONS	2	NONE	ACC	UT TO MAXIMUM EXTENT PRACTICAL	GRANTED	
RR-3b	B-D	STEAM GENERATOR NZL WLDS	UT	ACCESS, GEOM	CONFIGURATION, OBSTRUCTIONS	6	NONE	ACC	UT TO MAXIMUM EXTENT PRACTICAL	GRANTED	
RR-6	B-J	PR RET WLDS 4" & >	UT, SUR	ALARA	EXCESSIVE MAN/REM & COSTS		REMOTE UT 100% WLD	ACC	TECHNIQUE DEMONSTRATED TO AUTHORIZED INSPECTOR	GRANTED	
RR-7a	B-L-1	RC PHP CASING WLDS	UT	DAMAGE	NOT DESIGNED FOR DISASSEMBLY		EXTENT PRAC, 1 @ DIS	L/ACC	IF EXAM AT DIS'M--IF NOT DIS'M L/GRANTED		PROVIDED CODE EXAMS ARE PERFORMED @ DIS'M
RR-7b	B-L-2	RC PHP CASINGS	VT-3	DAMAGE	NOT DESIGNED FOR DISASSEMBLY		EXTENT PRAC, 1 @ DIS	L/ACC	IF EXAM AT DIS'M--IF NOT DIS'M L/GRANTED		PROVIDED CODE EXAMS ARE PERFORMED @ DIS'M
RR-8	B-M-2	VALVE BODIES	VT-3	ALARA, DAMAGE	RADIATION EXPOSURE, VALVE DEGRADATION	23	EXAM @ DIS'M	L/ACC	IF EXAM AT DIS'M--IF NOT DIS'M L/GRANTED		PROVIDED CODE EXAMS ARE PERFORMED @ DIS'M
RR-11	APP III, ARTIC	CALIBRATION BLOCKS		CAL BLOCK	RELIEF FROM SAME MAT'L, DIA, THK, SCH	5	USE EXISTING BLKS	ACC	PRESENT CAL BLKS WOULD PROVIDE CONSISTENT RESULTS	GRANTED	
RR-10	IWF-5000	SNUBBERS	FUNC TEST		EVALUATED ELSEWHERE						
RR01	ISI-1, W-80 B-A	7/85 RR, 4/86 TER CIRC, LONG SHELL WLDS	UT	ACCESS	PLANT AV, PWR-CE 19 RELIEF REQUESTS OBSTRUCTIONS	NOT AVL	LK, HYDRO	L/ACC	EXTENT PRACTICAL, REQ PRESSURE TESTS		
RR01	B-A	HEAD WLDS	UT	ACCESS	FLOW SKIRT, SUPPORT LUGS	NOT AVL	LK, HYDRO	L/ACC	EXTENT PRACTICAL, REQ PRESSURE TESTS		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
RR#1	B-A	FLANGE WLDS	SUR, UT	GEOM	RR FROM 100% UT, CONFIG	NOT AVL	LK, HYDRO	L/ACC	EXTENT PRACTICAL, REQ PRESSURE TESTS		
RR#2	B-D	NZL-TO-VESSEL WLDS	UT	ACCESS	NZL INTEGRAL EXTENTIONS	NOT AVL	LK, HYDRO	L/ACC	EXTENT PRACTICAL, REQ PRESSURE TESTS		
RR#2a	B-D	VESSEL WLDS OTHER THAN RV	UT	GEOM,ACCESS	CONFIG, PERMANENT ATTACHMENTS	NOT AVL	LK, HYDRO	L/ACC	EXTENT PRACTICAL, REQ PRESSURE TESTS		
RR#3	B-D	NOZZLE TO VESSEL WLDS	UT	GEOM,ACCESS	CONFIG, PERMANENT ATTACHMENTS	NOT AVL	LK, HYDRO	L/ACC	EXTENT PRACTICAL, REQ PRESSURE TESTS		
RR#2b	B-D	VESSEL WLDS OTHER THAN RV	UT	GEOM,ACCESS	CONFIG, PERMANENT ATTACHMENTS	NOT AVL	LK, HYDRO	L/ACC	EXTENT PRACTICAL, REQ PRESSURE TESTS		
RR#3a	B-D	SB NZL-TO-VESSEL WLDS	UT	GEOM,ACCESS	CONFIG, PERMANENT ATTACHMENTS	NOT AVL	LK, HYDRO	L/ACC	EXTENT PRACTICAL, REQ PRESSURE TESTS		
RR#5	B-J	SAFE END WLDS 4"X	SUR, UT	GEOM	JOINT CONFIG, WELD MAT'L	20	LK, HYDRO, SUR	L/ACC	EXTENT PRACTICAL, REQ PRESSURE TESTS AND SUR		
RR#6	B-J	PIPING WLDS 4"X	SUR, UT	GEOM,ACCESS	CONFIG, ATTACHMENTS, 22 INTERFERENCES		LK, HYDRO, SUR	L/ACC	EXTENT PRACTICAL, REQ PRESSURE TESTS AND SUR		
RR#7	B-L-2	PUMP INTERNAL SURFACES	VT-3	ALARA	RAD EXPOSURE, PUMP DAMAGE	NOT AVL	VT & DIS'M	L/ACC	ALT EXAM, IWP TEST, B-L-1 EXAM, LK, HYDRO		
RR#7a	B-M-2	VALVE BODIES	VT-3	ALARA	RAD EXPOSURE, COMPONENT DAMAGE	17	VT & DIS'M	L/ACC	ALT EXAM, IWP TEST, B-M-2 EXAM, LK, HYDRO		
RR#8	C-A	PR RET WLDS IN VESSELS	UT	GEOM,ACCESS	CONFIG, ATTACHMENTS, 8 OBSTRUCTIONS		HYDRO	L/ACC	UT EXTENT POSSIBLE, REQ PRESSURE TESTS		
RR#9	C-B	NZL-TO-SHELL WLDS	SUR, UT	GEOM,ACCESS	CONFIG, ATTACHMENTS, 4 OBSTRUCTIONS		HYDRO	L/ACC	UT EXTENT POSSIBLE, REQ PRESSURE TESTS, SUR		
RR#10	C-F	PIPING WLDS <=1/2"WALL THK	SUR	GEOM,ACCESS	CONFIG, ATTACHMENTS, NOT AVL OBSTRUCTIONS		HYDRO	L/ACC	SUR EXTENT POSSIBLE, REQ PRESSURE TESTS		
RR#10	C-F	PIPING WLDS >1/2"WALL THK	SUR, UT	GEOM,ACCESS	CONFIG, ATTACHMENTS, NOT AVL OBSTRUCTIONS		HYDRO	L/ACC	UT & SUR EXTENT POSSIBLE, REQ PRESSURE TESTS		
RR#10	C-F	PIPE BR CONNECTIONS	SUR	GEOM,ACCESS	CONFIG, ATTACHMENTS, NOT AVL OBSTRUCTIONS		HYDRO	L/ACC	SUR EXTENT POSSIBLE, REQ PRESSURE TESTS		
RR#11	C-F	CS PIPING WLDS	SUR	EXAMINATION	CS SYSTEM NOT REQ TO 64 OPERATE		AIR, SMOKE FLOW	L/ACC	AIR OR SMOKE FLOW TESTS, VALVE LK TESTS EVERY 5 YRS.		
RR#13	IWA-2232	CAL BLOCK DESIGN	UT	CAL BLOCK	BLOCKS USED IN PSI	4		ACC	METHODS PROPOSED PROVIDES RELIABILITY		
I.B.1	ISI-1, S-75 B-B	S/BZ RR, B/BZ TER CIRC SHELL WLDS	UT	ACCESS	PLANT AM, PWR-M 19 RELIEF REQUESTS FLOOR PENETRATION & SUPPORT	2	VT & PR TEST	L/ACC	7X OF WLD UT EXAM & VT ACCORDING TO IWB-5000	L/GRANTED	PROVIDED 7X LENGTH OF ACCESS WLDS & ALT EXAM UNIT 2 ONLY
I.C.1	B-D	HX NZL-TO-HEAD WLDS	UT	GEOM	JOINT CONFIG	NOT AVL	SUR	NONE	APPROVAL SHD BE GIVEN TO UPDATE TO S78, APPENDIX III	GRANTED	
I.C.2	B-F	SG NZL-TO-SAFE END WLDS	SUR, UT	GEOM	NZL GEOM, SUR CONDITION	2	EXT POS, SUR	NONE	APPROVAL SHOULD BE GIVEN TO UPDATE TO S78	GRANTED	

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
I.D.1	B-F	SAFE END-TO-PIPING WLDS	SUR, UT	GEOM	NZL GEOM, SUR CONDITION	NOT AVL	EXT POS, SUR	NONE	APPROVAL SHOULD BE GIVEN TO UPDATE TO S78	GRANTED	
I.D.2	B-J	PIPING WELDS	UT	GEOM	CONFIG, 90 DEGREE ELBOWS	26	EXT POS, SUR	L/ACC	ACC FOR 90 DEGREE ELBOWS-OTHERS DON'T NEED TO BE IN 25%	GRANTED	
I.D.3	B-J	BR PIPE CONN WLDS >6"DIA	UT	GEOM	CONFIG NZL WLDS	NOT AVL	EXT POS, SUR	L/ACC	UPDATE TO S78, APPENDIX III-SUR TO IWB-2500-10	GRANTED	
I.D.4	B-K-1	INR-WLD SUPPORTS	UT	GEOM	CONFIG OF FILLET WLDS	NOT AVL	EXT POS, SUR	L/ACC	SUR BASE MATERIAL OF PIPE WALL	GRANTED	
I.E.1	B-G-1	BOLTING >2" DIA	UT	GEOM	CONFIG-CAN'T BE DONE IN PLACE	NOT AVL	UT @ DIS'M	L/ACC	PROVIDED UT TO IWB-2400 @ DIS'M	GRANTED	
I.E.2	B-K-1	INR-WLD SUPPORTS	UT	CAST SST	ATTENUATES ULTRASOUND-UT NOT POS	NOT AVL	SUR, VT	L/ACC	PROVIDED SUR & VT EXAM ARE PERFORMED	GRANTED	
II.A.1	C-A	WLD-TO-SHELL, HEAD-TO-SHELL	UT	GEOM	THICKNESS OF MATERIALS	2	SUR, VT	L/ACC	PROVIDED SUR & VT EXAM ARE PERFORMED	GRANTED	
II.A.2	C-A	RC FILTERS SHELL WLDS	UT	GEOM	THICKNESS OF MATERIALS	2	SUR, VT	L/ACC	PROVIDED SUR & VT EXAM ARE PERFORMED	GRANTED	
II.A.3	C-B	HX NZL-TO-VSL WLDS	UT	ACCESS	COVERED BY REINFORCEMENT PADS	NOT AVL	VT @ PR TEST	L/ACC	PROVIDE VT PERFORMED TO IWC-5000	GRANTED	
II.B.1	C-F,C-B	CIRC BUTT WLDS	UT	GEOM	GEOMETRIC DISCONTINUITIES	77	EXT POS, SUR	REJ	UPDATE S78-PERMITS SUR-FULL UT TO IWC-2520-7, ABDEFC	GRANTED	
II.B.2	C-F,C-B	BR PIPE-TO-PIPE WLDS	UT	GEOM	CONFIG OF BRANCH WLDS	NOT AVL	EXT POS, SUR	REJ	UPDATE TO S78-PERMITS SUR	GRANTED	
IV.B.1	IWB-5000	PRESSURE TESTS	HYDRO	TEST COND	TWO NORM CLOSED OR TWO CK VAL	29	NONE	REJ	NO JUSTIFICATION	GRANTED	
IV.C.1	IWC-5000	PRESSURE TESTS	HYDRO	TEST COND	CAN'T BE ISOLATED FROM CLASS I	NOT AVL	VT @ OP PR	L/ACC	PROVIDED ALT EXAM PERFORMED TO REQ OF IWB-5220	GRANTED	
IV.D.1	IWD-5000	PRESSURE TESTS	HYDRO	TEST COND	SYSTEMS IN CONTINUOUS USE	NOT AVL	VT @ OP PR	REJ	NO JUSTIFICATION-UPDATE TO S78	GRANTED	
V.A.1	IWA-2232	EXAMINATION TECHNIQUES	UT	EXAMINATION	UT RECORDING LEVELS	NOT AVL	APPENDIX III	NONE	UPDATE TO S78 & IND 20% & > BE APPROVED EVALUATED		
V.A.2	I-3121	UT CALIBRATION STANDARD	UT	CAL BLOCK	RR FROM REQUIREMENTS OF I-3121		W76, SECTION V	L/ACC	PROVIDED PROPOSED METHOD IS ADOPTED	APPROVED	
RI-004	ISI-1, S-83 B-A	1/80 RR, 7/80 TER CIRC & LONG SHELL WLDS	UT	ACCESS	PLANT BQ, PWR-W 23 RELIEF REQUESTS OBSTRUCTIONS-NZL INTERFERENCE, LUGS	3	EXTENT POS	ACC	SIGNIFICANT PERCENTAGE WILL BE PERFORMED		
RI-004a	B-A	CIRC & MERIDIONAL HEAD WLDS	UT	ACCESS	OBSTRUCTIONS-NZL INTERFERENCE, LUGS	8	EXTENT POS	ACC	SIGNIFICANT PERCENTAGE WILL BE PERFORMED		
RI-004b	B-A	HEAD-TO-FLANGE WLD	SUR, UT	ACCESS	OBSTRUCTIONS-NZL INTERFERENCE, LUGS	1	EXTENT POS	ACC	SIGNIFICANT PERCENTAGE WILL BE PERFORMED		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
R1-006	B-D	NOZZLE-TO-VESSELS WLDS	UT	GEOM,ACCESS	NZL CNFG, OBSTRUCTIONS	4	EXTENT POS	ACC	7 WLDS NOT SCHEDULED FOR THIS INTERVAL, REJ		
R1-004c	B-B	PR RET WLDS	UT	ACCESS	OBSTRUCTIONS-SUPPORT PLATES, MANWAYS	4	EXTENT POS	ACC	SIGNIFICANT PERCENTAGE WILL BE PERFORMED		
R1-006a	B-D	NOZZLE-TO-VESSEL WLDS	UT	GEOM,ACCESS	NZL CNFG, OBSTRUCTIONS	18	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R1-006b	B-F	PR RET DISSIMILAR METAL WLDS	UT	GEOM,ACCESS	NZL CNFG, OBSTRUCTIONS	6	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R1-008	B-H	PZR INR-WLD ATTACHMENTS	UT	GEOM,ACCESS	NO ACCESS TO 1/2" OF BASE MATL	8	VT-1	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R1-004d	B-B	PR RET WLDS	UT	ACCESS	OBSTRUCTIONS-WELDED & SUPPORT PLATES	3	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R1-006c	B-D	NOZZLE-TO-VESSEL WLDS	UT	GEOM,ACCESS	NZL CNFG, OBSTRUCTIONS	18	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R1-003	B-J	PR RET CIRC WLDS	SUR,UT	GEOM	PIPING WLD CONFIGURATION	28	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R1-003a	B-J	BRANCH CONN WLDS NPS >4"	SUR,UT	GEOM	PIPING WLD CONFIGURATION	4	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R1-005(B)	B-L-1	PR RET WLDS IN PMP CASINGS	UT	ALARA,DAMAGE	50 MAN-REM DOSE,PMP DAMAGE	NOT AVL	NONE	L/ACC	PROVIDED VT @ DIS'M-SUR IF NOT DISASSEMBLED		
R1-005(B)a	B-L-2	PMP CASINGS	VT-3	ALARA,DAMAGE	50 MAN-REM DOSE,PMP DAMAGE	NOT AVL	NONE	L/ACC	PROVIDED VI @ DIS'M-SUR IF NOT DISASSEMBLED		
R1-005(A)	B-M-2	VALVE BODIES NPS >4" INT SUR	VT-3	ALARA,DAMAGE	NOT QUANTITATIVE,VAL DAMAGE	NOT AVL	NONE	L/ACC	PROVIDED VI-3 @ DIS'M		
R2-005	C-A	PR RET WLDS	UT	ACCESS,GEOM	COMPONENT CNFG & OBSTRUCTIONS	21	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R2-005a	C-B	PR RET NZL-TO-VSL WLDS	SUR,UT	ACCESS,GEOM	COMPONENT CNFG & OBSTRUCTIONS	9	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R2-005b	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS,GEOM	COMPONENT CNFG & OBSTRUCTIONS	1	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R2-001a	C-F	PR RET WLDS WALL THK >1/2"	SUR,UT	ACCESS,GEOM	COMPONENT CNFG & OBSTRUCTIONS	5	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R2-001b	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS,GEOM	COMPONENT CNFG & OBSTRUCTIONS	6	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R2-003	C-F	PR RET WLDS WALL THK >1/2"	SUR,UT	ACCESS,GEOM	COMPONENT CNFG & OBSTRUCTIONS	51	EXTENT POS	ACC	LIMITED UT PLUS REQ SUR ENSURES INTEGRITY		
R2-001	C-F	PR RET WLDS WALL THK >1/2"	SUR,UT	ACCESS,GEOM	COMPONENT CNFG & OBSTRUCTIONS	5	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		
R2-001a	C-C	INR-WLD ATTS BASE MATL >3/4" SUR	SUR	ACCESS,GEOM	COMPONENT CNFG & OBSTRUCTIONS	7	EXTENT POS	ACC	LIMITED EXAM ENSURES STRUCTURAL INTEGRITY		

PLANT AX, PWR-M
25 RELIEF REQUESTS

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
1	B-6-1	PR RET BLTING 2"b	VT,SUR,UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
1a	B-6-2	PR RET BLTING <2"	VT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
1b	C-D	PR RET BLTING >1"	VT, SUR OR UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
2	B-1-1	RV INTERIOR CLAD SUR	VT,SUR,UT	ALARA	NEEDLESS RAD EXP	NOT AVL	NONE	NONE	UPDATE TO S-78 TO DELETE REQUIREMENT		
3	B-0	PR RET WLDS CRD HOUSINGS	UT	GEOM	ACCESSIBILITY, MATERIALS	NOT AVL	SUR	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE,S-78 ALLOWS SUR		
4	B-M	HX INR-WLD SUPPORTS	UT	GEOM	UT UNMEANINGFUL	NOT AVL	SUR	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE,S-78 ALLOWS SUR		
5	B-K-1	INR-WLD SUPPORTS	UT	GEOM	UT UNMEANINGFUL	NOT AVL	SUR	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE,S-78 ALLOWS SUR		
8	B-M-2	VALVES >4" NPS INT SUR	VT	ALARA	DISPROPORTIONATE RAD EXP	NOT AVL	EXAM @ DIS'M	REJ	NOT ENOUGH JUSTIFICATION-SUBMIT SPECIFIC RR EA VAL		
II.A.1	C-D	VESSEL PR RET BLTING >1"	VT, SUR OR UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
II.B.1	C-D	PIPE PR RET BLTING >1"	VT, SUR OR UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
II.C.1	C-D	PUMP PR RET BLTING >1"	VT, SUR OR UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
II.D.1	C-D	VALVE PR RET BLTING >1"	VT, SUR OR UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
IV.A.1	IWA-5210	PRESSURE TESTS	HYDRO	CODE UPDATE	RELIEF FROM 4HRS.	NOT AVL	HOLD 10 MIN	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
I.B.1	B-1-2	VESSEL CLADDING	VT	ALARA	NEEDLESS RAD EXP	NOT AVL	NONE	REJ	APPROVAL SHOULD BE GRANTED TO UPDATE		
I.B.2	B-1-2	SG VESSEL CLAD	VT	ALARA	NEEDLESS RAD EXP	NOT AVL	NONE	REJ	APPROVAL SHOULD BE GRANTED TO UPDATE		
I.E.1	B-6-1	PUMP PR RET BLTING 2"b	VT,SUR,UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
I.E.1a	B-6-2	PUMP PR RET BLTING <2"	VT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
I.E.1b	C-D	PUMP PR RET BLTING >1"	VT, SUR OR UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
I.E.2	B-K-1	INR-WLD PUMP SUPPORTS	UT	GEOM	UT UNMEANINGFUL	NOT AVL	SUR	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE,S-78 ALLOWS SUR		
10	B-0	RV SHELL WLDS	UT	ACCESS	INSTRUMENTATION TUBES	2	NONE	L/ACC	PERFORM BEST EFFORT EXAM		
10,14,15	B-C	VESSEL WLDS	UT	GEOM	CONFIG OF COMPONENTS	4	NONE	L/ACC	PERFORM BEST EFFORT EXAM		
10,15	B-D	NOZZLE WLDS	UT	ACCESS	ADJACENT NZLS	6	NONE	L/ACC	PERFORM BEST EFFORT EXAM		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
13	B-J	PIPING WELDS	UT	ACCESS	OBSTRUCTIONS	3	NONE	L/ACC	PERFORM BEST EFFORT EXAM		
5a	B-K-1	INR-WLD SUPPORTS	UT	GEOM	SUPPORT CONFIG	18	SUR @ DIS'M	L/ACC	IF FLAW FOUND ON ACCESS AREA, REMOVE, DO 100%		
V.A.1	IWA-2232	UT EXAM RECORDING	UT	GEOM	20% DAC INDICATIONS IMPRACTIBLE	N/A	50%	REJ	UPDATE TO 5-78-CRACKS 20% RECORDED		
1	ISI-2, W-B1 B-A	2/85 RR, 9/85 TER RV SHELL-TO-FLANGE WLD	UT	GEOM	14 RELIEF REQUESTS CONFIG OF FLANGE RADIUS	2 WLDs	NONE	L/ACC	PERFORM BEST EFFORT EXAM-REQUIRED PRESSURE TESTS		
12	B-A	RV HEAD-TO-FLANGE WLD	SUR, UT	ACCESS	OBSTRUCTIONS-ALSO FLANGE CONFIG	2	NONE	L/ACC	PERFORM BEST EFFORT EXAM-REQUIRED PRESSURE TESTS		
1a	B-D	RV NZL-TO-VESSEL WLDs	UT	GEOM	INTERFERENCE OF ADJACENT NZLS	NOT AVL	NONE	L/ACC	PERFORM BEST EFFORT EXAM-REQUIRED PRESSURE TESTS		
3	B-B	HX HEAD WLDs	UT	ACCESS	ALSO GEOM & ALARA(3-10R/HR)	NOT AVL	VT-2, VT-3	L/ACC	PROPOSED VISUAL EXAM SHOULD BE PERFORMED		
3a	B-B	HX TUBESHEET-TO-SHELL WLDs	UT	ACCESS	ALSO CONFIG & ALARA	6	VT-2, VT-3	L/ACC	PROPOSED VISUAL EXAM SHOULD BE PERFORMED		
3b	B-D	NZL-TO-VSL, INSIDE RADIUS	UT	ACCESS	ALSO CONFIG & ALARA(3-10R/HR)	12	VT-2, VT-3	L/ACC	PROPOSED VISUAL EXAM SHOULD BE PERFORMED		
3c	B-H	INR-WLD ATTACHMENTS	SUR OR UT	ACCESS	ALSO CONFIG & ALARA(3-10R/HR)	2	VT-2, VT-3	L/ACC	PROPOSED VISUAL EXAM SHOULD BE PERFORMED		
10	B-J	PIPING WELDS	SUR, UT	ACCESS	OBSTRUCTIONS	3	NONE	L/ACC	PERFORM BEST EFFORT EXAM-REQUIRED PRESSURE TESTS		
3d	B-J	HX PIPING WLDs	SUR	ACCESS	ALSO CONFIG & ALARA(3-10R/HR)	12	VT-2, VT-3	L/ACC	PROPOSED VISUAL EXAM SHOULD BE PERFORMED		
9	B-K-1	RC PMP INT WLD SUPPORTS	SUR OR UT	GEOM	SUPPORT CONFIG	12	@ DIS'M, VT-3	L/ACC	IF FLAW FOUND ON ACCESS AREA, REMOVE DO 100%		
6	B-L-1	PMP CASING WLDs	UT	CAST SST	UT MEANINGLESS	NOT AVL	HYDRO TEST 1 PMP	L/ACC	100% VT OF EXTERNAL SUR OF WLDs-CODE EXAM @ DIS'M		
6a	B-L-2	PMP CASING INTERNAL SURFACE	VT-3	ACCESS	REQUIRES DISASSEMBLY OF PMP	6	HYDRO TEST 1 PMP	L/ACC	100% VT OF EXTERNAL SUR OF WLDs-CODE EXAM @ DIS'M		
8	B-M-2	VALVES >4" NPS INTERNAL SUR	VT-3	ACCESS	REQUIRES DISASSEMBLY OF VALVE	NOT AVL	VT @ DIS'M	L/ACC	VALVES DIS'M FOR MAINTENANCE CODE EXAMINED		
11	C-F	CS PR RET WLDs	SUR	EXAMINATION	DOESN'T OPERATE DURING SYS OP	NOT AVL	AIR TEST, IF OP	REJ	NO JUSTIFICATION		
ISI-001	ISI-1, W-B1 B-A	6/86 RR, 12/86 TER RV PR RET WLDs	UT	ACCESS	PLANT AY, PWR-CE 21 RELIEF REQUESTS CORE STOP LUGS, BRACKETS	NOT AVL	OTHER TECHNIQUES	L/ACC	EXTENT PRACTICAL, VT @ PR TEST		
ISI-001A	B-D	NZL-TO-BOTTOM HD WLD	UT	ACCESS	OBSTRUCTED BY HEATER CONNECTIONS	NOT AVL	OTHER TECHNIQUES	L/ACC	EXTENT PRACTICAL, VT @ PR TEST, UP TO DATE EQUIP		
ISI-001B	B-B	SG PR RET WLDs	UT	ACCESS	OBSTRUCTED BY NZLS & CYLINDER	2	OTHER TECHNIQUES	L/ACC	ALT EXAM, EXTENT PRACTICAL, VT @ PR TEST		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
ISI-001C	B-F	DISSIMILAR METAL WLDS	SUR, UT	GEOM, ACCESS	CONFIG, INTERFERENCES	20	OTHER TECHNIQUES	L/ACC	UT EXTENT PRACTICAL, SUR & VT DURING PR TEST		
ISI-001D	B-J	PIPING WELDS	SUR, UT	GEOM, ACCESS	CONFIG, INTERFERENCES	57	OTHER TECHNIQUES	L/ACC	UT EXTENT PRACTICAL, SUR & VT DURING PR TEST		
ISI-004	B-L-1	PUMP CASING WLDS	UT	GEOM	UT NOT MEANINGFUL-AUSTENITIC SST	NOT AVL	VT-1 @ PR TEST	L/ACC	ALT EXAM, VT @ DIS'M & HYDRO		
ISI-004	B-L-2	PMP CASING INTERNAL SURFACE	VT-3	ALARA	50 MAN-REM EXPOSURE	NOT AVL	VT-3 @ DIS'M	L/ACC	ALT EXAM, PMP TESTING, VT @ LK & HYDRO, CONSIDER SUR		
ISI-003	B-M-2	VALVE INTERNAL SUR	VT-3	ALARA	NO QUANTITATIVE FIGURES	NOT AVL	VT @ DIS'M	L/ACC	ALT EXAM, VALVE TESTING, VT @ LK & HYDRO EXAMS		
3.2.1.1	C-A	HX SHELL WLDS	UT	GEOM	WLD CONTOUR, FLANGE RADIUS	NOT AVL	OTHER TECHNIQUES	L/ACC	ALT EXAM, UT EXTENT PRACTICAL, VT @ PR TEST		
3.2.1.2	C-A	SG SHELL WLDS	UT	ACCESS	OBSTRUCTIONS	7	OTHER TECHNIQUES	L/ACC	ALT EXAM, UT EXTENT PRACTICAL, VT @ PR TEST		
3.2.1.3	C-B	SG NZL WLDS	SUR, UT	ACCESS	OBSTRUCTIONS, RR FROM 100% UT	NOT AVL	OTHER TECHNIQUES	L/ACC	ALT EXAM, UT EXTENT PRACTICAL, VT @ PR TEST, REQ SUR		
3.2.2.1	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS	BLEEDOUT FROM SHIM FLUSH W/LUG	1	EXTENT POS	L/ACC	ALT EXAM, REQ VT @ PR TEST		
3.2.2.2	C-F	PIPING WELDS	SUR, UT	GEOM, ACCESS	CONFIG, OBSTRUCTIONS	110	OTHER TECHNIQUES	L/ACC	ALT EXAM, UT & SUR EXTENT PRACTICAL, REQ PR TEST		
3.3.1	D-A	INR-WLD ATTACHMENTS	VT-3	EXAMINATION	COMBINE IND & IWF EXAMS	NOT AVL	IWF EXAM BOUNDARY	NONE	RR NOT NECESSARY, MEETING CODE REQUIREMENTS		
3.3.1	D-B	INR-WLD ATTACHMENTS	VT-3	EXAMINATION	COMBINE IND & IWF EXAMS	NOT AVL	IWF EXAM BOUNDARY	NONE	RR NOT NECESSARY, MEETING CODE REQUIREMENTS		
3.3.1	D-C	INR-WLD ATTACHMENTS	VT-3	EXAMINATION	COMBINE IND & IWF EXAMS	NOT AVL	IWF EXAM BOUNDARY	NONE	RR NOT NECESSARY, MEETING CODE REQUIREMENTS		
ISI-006	F-C	SUPPORTS	VT-3	ACCESS	NON-REMOVABLE INSULATION	16	NONE	L/ACC	EXAM ADDITIONAL SIMILAR SUPPORT FOR EACH PR TEST		
ISI-007	F-C	SUPPORTS	VT-3	ACCESS	PERMANENT FIRE SEALS	24	NONE	L/ACC	EXAM ADDITIONAL SIMILAR SUPPORT FOR EACH PR TEST		
ISI-008	F-C	SUPPORTS	VT-3	ACCESS	COMPLETELY INACCESSIBLE	5	NONE	L/ACC	EXAM ADDITIONAL SIMILAR SUPPORT FOR EACH PR TEST		
ISI-009	F-C	SUPPORTS	VT-3	ACCESS	NON-REMOVABLE INSULATION	108	ACCESS PORTIONS	L/ACC	EXAM FROM INSUL, ADDITIONAL SUPPORT, PR TEST		
ISI-010	F-C	SUPPORTS	VT-3	ACCESS	BLOCKED BY INSULATION	8	ACCESS PORTIONS	L/ACC	ACCESS PORTIONS, ADDITIONAL SUPPORT, PR TEST		
H	ISI-1, W-B1 B-A	3/87 RR, 4/87 TER RPV FLANGE-TO-VESSEL WLD	1/88 SER UT	ACCESS	PLANT AZ, PWR-M 14 RELIEF REQUESTS FLANGE TAPER-25% NOT 1 EXAMINED		NONE	ACC	75% PLUS REQ PR TEST IS ACCEPTABLE	GRANTED	
I	B-D	PV NZL TO VESSEL WLDS	UT	ACCESS	OBSTRUCTION-10% NOT 4 EXAMINED	4	NONE	ACC	90% PLUS REQ PR TEST IS ACCEPTABLE	GRANTED	

PWR 191 RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
J	B-A	RPV LOWER HEAD-TO-PLATE WLD	UT	ACCESS	OBSTRUCTIONS-10% NOT 1 EXAMINED		NONE	ACC	90% PLUS REQ PR TEST IS ACCEPTABLE	GRANTED	
K	B-A	RPV LOWER HEAD-TO-SHELL WLD	UT	GEOM	SUR GEOM LIMITS UT 1 HD CONTACT	1	45% LONGITUDINAL	ACC	90% PLUS 45% LONGITUDINAL IS ACCEPTABLE	GRANTED	
D	B-A	RPV CLOSURE HD-TO-FLANGE WLD	SUR, UT	ACCESS	OBSTRUCTIONS-6% NOT 1 UT EXAMINED	1	NONE	ACC	94% PLUS SUR & PR TEST IS ACCEPTABLE	GRANTED	
F	B-F	NOZZLE-TO-SAFE END WLDS	SUR, UT	GEOM	SUR UNDULATIONS RESTRICT UT	6	NONE	ACC	LIMITED UT PLUS SUR & PR TEST IS ACCEPTABLE	GRANTED	
N	B-B	SHELL-TO-BOTTOM HEAD WLD	UT	ACCESS	SUPPORT SKIRT,LUGS,NZLS	1	NONE	ACC	LIMITED UT PLUS SUR & PR TEST IS ACCEPTABLE	GRANTED	
P	B-B	TUBESHEET-TO-CHANNEL HD WLD	UT	ACCESS	SUPPORTS, ALSO GEOM OF COMPONENT	1	NONE	ACC	LIMITED UT PLUS SUR & PR TEST IS ACCEPTABLE	GRANTED	
G	B-J	BRANCH CONNECTION WLDS	SUR, UT	GEOM	AUSTENITIC SST & DESIGN	2	VT-2 @ LK TEST	ACC	LIMITED UT, SUR & VT-2 PROVIDES STRUCTURAL INTEGRITY	GRANTED	
B	C-A	SG PR RET WLDS	UT	ACCESS	OBSTRUCTIONS-LUGS, GAUGES, NZLS	5	NONE	ACC	90-95% PLUS REQ PR TEST IS ACCEPTABLE	GRANTED	
Q	C-B	FEEDWATER NZL-TO-SHELL WLD	SUR, UT	GEOM	SURFACE IS CONTOURED	1	NONE	ACC	LIMITED UT PLUS REQ PR TEST PROVIDES INTEGRITY	GRANTED	
A	C-F	MAIN FEEDWATER PR RET WLDS	SUR, UT	ACCESS	OBSTRUCTIONS, WELDED JOINTS	7	NONE	ACC	LIMITED UT PLUS REQ PR TEST PROVIDES INTEGRITY	GRANTED	
C	C-F	RC PUMP PR RET WLDS	SUR	GEOM	1 1/2" OR LESS DIA, 1/2" WALL THK	16	NONE	ACC	REQ SUR & PR TEST PROVIDES STRUCTURAL INTEGRITY	GRANTED	
M	IWF	CLASS 1,2,3 SUPPORTS			RELIEF FROM IWF-2510,IWF-2430	NOT AVL	95/90 SAMPLING	ACC	ALT EXAM MEETS OR EXCEEDS CODE REQUIREMENTS	GRANTED	
PLANT BN, PWR-W 15 RELIEF REQUESTS											
I.A.1	ISI-2, S-78 B-A	S/B2 RR, 8/82 TER CIRC & LONG SHELL WLDS	UT	ACCESS	NEUTRON SHIELD TANK, THERMAL SHIELD	NOT AVL	NONE	L/ACC	CHEMICAL COMP, REEVALUATE CHARPY TEST, VT INTERIOR		
I.A.2	B-A	RV SHELL-TO-FLANGE WLD	UT	ACCESS	OBSTRUCTIONS	1	EXT POS	REJ	NOT ENOUGH JUSTIFICATION-PURSUCE BEST EFFORT		
I.A.3	B-E	RV WLDS	VT-2	ACCESS	OBSTRUCTIONS	NOT AVL	VIS POR @ PR TEST	L/ACC	EXAM THE 75% ACCESS, GENERAL VT @ PR TEST		
I.A.4	B-F	NOZZLE-TO-SAFE END WLDS	SUR, UT	ACCESS	RR FROM SUR-SUPPORTS	NOT AVL	UT FROM INTERIOR	L/ACC	UT 100%-INTERNAL VT-GENERAL VT @ PR TESTS		
I.A.5	B-H	RV INT WLD SUPPORTS	SUR OR UT	ACCESS	NEUTRON SHIELD TANK	NOT AVL	NONE	L/ACC	PROVIDED VT FOR LEAKAGE @ PR TESTS		
I.C.1	B-B	HX SHELL WLDS	UT	CAST SST	HX IS CAST SST-CAN'T BE UT EXAM	NOT AVL	PT	L/ACC	PROVIDED PT ALL WLDS ON ALL 4 HX		
I.C.2	B-B	SG TUBE SHEET-TO-HEAD WLD	UT	ACCESS	SG SUPPORTS	NOT AVL	NONE	L/ACC	VT FOR LEAKAGE @ PR TESTS		
I.C.3	B-D	SG NZL INSIDE RADIUS	UT	GEOM	GROOVE AROUND NZL	NOT AVL	NONE	NONE	RR NOT REQ-NZLS FORMED FROM SG HEAD-B-D DOES NOT APPLY		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
I.C.4	B-H	SB INT WLD SUPPORTS	SUR OR UT	ACCESS	LUGS ARE NOT ACCESSIBLE	NOT AVL	PT EXT POS	REJ	UT NOT REQ-DETERMINE EXT POS FOR SUR-REQUEST RELIEF		
I.D.1	B-F	SAFE END-TO-PIPE WLDS	SUR, UT	ACCESS	RR FROM SUR-UNDER WATER	NOT AVL	UT EXT POS	L/ACC	VT @ PR TESTS-ALT EXAM		
IV.A.1	B-P	PR RET BOUNDARY	HYDRO	TEST COND	RR FROM HYDRO-POSSIBLE DAMAGE	NOT AVL	NONE	REJ	CODE REQ CAN BE MET-TEST AS SINGLE SYSTEM		
IV.A.1a	C-H	PR RET COMPONENTS	HYDRO	TEST COND	RR FROM HYDRO-POSSIBLE DAMAGE	NOT AVL	NONE	REJ	CODE REQ CAN BE MET-TEST AS SINGLE SYSTEM		
IV.C.1	C-H	PR RET COMPONENTS	HYDRO	TEST COND	DUCTWORK CAN'T WITHSTAND PR TEST	NOT AVL	NONE	NONE	THIS PORTION CAN BE ELIMINATED-RR NOT REQ		
IV.C.2	C-H	PR RET COMPONENTS	HYDRO	EXAMINATION	TESTED TO APPENDIX J 5 PARTS	NONE	NONE	REJ	CODE REQ CAN & SHOULD BE MET		
IV.D.1	D-A	PR RET COMPONENTS	HYDRO	ACCESS	UNDERGROUND SECTIONS 5 SEC	NONE	NONE	NONE	CODE REQ CAN BE MET-RR NOT NECESSARY		
					PLANT P, PWR-M 25 RELIEF REQUESTS						
B-02A	ISI-2, W-B1 B-D	4/84 RR, 9/85 TER RV NZL INSIDE RADIUS	UT	GEOM	CONSTRAINTS & CLADDING	8	VT	L/ACC	IF VOL IS DONE TO MAX, EFFORT TO USE NEW EQUIP		
B-02B	B-D	PZR NZL INSIDE RADIUS	UT	GEOM	DBST, GEOM	5	VT	L/ACC	IF VOL IS DONE TO MAX, EFFORT TO USE NEW EQUIP		
B-02C	B-D	SB NZL INSIDE RADIUS	UT	GEOM	GEOM CONSTRAINTS	8	VT	L/ACC	IF VOL IS DONE TO MAX, EFFORT TO USE NEW EQUIP		
B-03	B-D	PZR NZL TO VSL WLDS	UT	GEOM	GEOM AROUND WELDS	NOT AVL	SUR,UT MAX EXT	L/ACC	EFFORT MADE TO USE NEW EQUIP		
B-04	B-F	SB NZL-TO-SAFE END WLDS	UT	CAST SST	GEOM, CAST SURFACES	NOT AVL	UT MAX EXT	L/ACC	EFFORT TO USE NEW EQUIP		
B-05A	B-B-1	RV HEAD BOLTING	UT	GEOM	GEOM OF FASTENERS	NOT AVL	VT-10DIS'M,SUR	REJ	BAD REVIEW, UT S/D DONE IN PLACE		
B-05B	B-B-1	RCP BOLTING	UT	GEOM	GEOM OF FASTENERS	NOT AVL	VT-10DIS'M,SUR	L/ACC	BAD REVIEW, UT S/D DONE IN PLACE		
B-05C	B-B-1	VALVE BOLTING	UT	GEOM	GEOM OF FASTENERS	NOT AVL	VT-10DIS'M,SUR	L/ACC	UT IN PLACE, SUR WHEN REMOVED		
B-07	B-J	CIRC BUTT WELDS	SUR, UT	ACCESS	INSIDE SHIELD WALL	4	NONE	L/ACC	CODE REQ'D 25% BE MAINTAINED		
B-08	B-J	PIPING WELDS	UT	CAST SST	CAST SST ELBOWS		NONE	L/ACC	ATTEMPT UT ON 25%, USE MINAC		
B-09	B-J	RR CONN WELDS	UT	GEOM	WELD CONFIG, MATL		NONE	L/ACC	USE MINAC, EFFORT TO USE NEW EQUIP		
B-10	B-M-2	VALVES >4" NPS INT SUR	VT-3	ALARA	SUBSTANTIAL MAN-REM EXP		NONE	ACC	EXAM WHEN MAINTENANCE IS REQUIRED	ISI-2	W-B1
C-1	C-A	VESSEL WELDS	UT	GEOM	THIN WALL .165 TO .250	4	VT-1,SUR	L/ACC	ALT EXAM		
C-2	C-B	NZL-SHELL WLDS	SUR, UT	GEOM	GEOM, SUR CONDITIONS	NOT AVL	UT MAX EXT	L/ACC	IF VOL IS DONE TO MAX,SUR		
C-3	C-B	INSIDE RADIUS NOZZLES	UT	GEOM	GEOM,CONSTRAINTS	NOT AVL	VT-1 @ DIS'M	L/ACC	IF VOL IS DONE TO MAX, VISUALS		
C-4	C-F	BR CONN WELDS	SUR	ACCESS	SADDLE PLATE COVERS WELDS		SUR OF SADDLE	L/ACC	SUR FILLET WELDS ON SADDLE		

PWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
C-5	C-A	REG HX CIRC WLDG	UT	CAST SST	HX IS CAST STAINLESS STEEL		VT-1,SUR	L/ACC	ALT EXAM		
H1	IWB-5222	CLASS 2 PIPING SECTIONS	HYDRO	TEST COND	NOT ISOLABLE FROM CLASS 1	15	VT @ N OP PR	L/ACC	ALT EXAM-EXAM AT NORMAL OPERATING PRESSURE		
H2	IWC	RCP SEAL AREAS, CL2	HYDRO	TEST COND	PRESSURE WOULD DAMAGE SEALS	4	LOWER PR	ACC	SEALS NOT EXAMINED,LINES EXAM @ 187.5 PSI		
H2a	IWD	RCP SEAL AREAS, CL3	HYDRO	TEST COND	PRESSURE WOULD DAMAGE SEALS	4	LOWER PR	ACC	SEALS NOT EXAMINED,LINES EXAM @ 187.5 PSI		
H3	IWB	CL1&2 PIPING SECTIONS	HYDRO	TEST COND	HIGH PRESSURE NOT AVL	1	N OP PR	L/ACC	ALT EXAM		
H3a	IWC	CL1&2 PIPING SECTIONS	HYDRO	TEST COND	HIGH PRESSURE NOT AVL	14	N OP PR	L/ACC	ALT EXAM		
H4	IWD-5223	CL3 PIPING SECTIONS	HYDRO	TEST COND	DES OF PUMPS,PIPING,VALVES	29	TEST @ OP PR	L/ACC	ALT EXAM		
H5	IWC	SB & CL 2&3 PIPING	HYDRO	TEST COND	RELIEF VALVES REQUIRE 4 GAGGING		TEST @ OP PR	REJ	MUST BE DONE TO INSURE STRUCTURAL INTEGRITY		
H5a	IWD	SB & CL 2&3 PIPING	HYDRO	TEST COND	RELIEF VALVES REQUIRE 1 GAGGING		TEST @ OP PR	REJ	MUST BE DONE TO INSURE STRUCTURAL INTEGRITY		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
	ISI-1, S7B				PLANT C, BWR-GE						
1.A.1	B-A	8/82 RR, 9/82 TER	UT	ACCESS	33 RELIEF REQUESTS						
1.A.4	B-F	CIRC, LONG SHELL WLDS	UT	ACCESS	THERMAL SHIELD	1	REQ'D HYDRO	L/ACC	ALT EXAM	ISI-1	S-7B
		NOZZLE-TO-SAFE END WLDS	UT	ACCESS	CONCRETE WALLS	NOT AVL	VT-1, HYDRO	L/ACC	ALT EXAM		
					ENCLOSE NZLS						
1.A.5	B-H	INR-WLG ATTACHMENTS	UT	ACCESS	SHIELD WALL	21	VT	L/ACC	ALT EXAM		
RR-31	B-F	DIS'M METAL SOCKET WELDS	SUR, UT	GEOM	FILLET WELDS	12	SUR	L/ACC	SUR & HYDRO		
RR-A03	B-A	VSL BOTTOM HD WLDS	UT	ACCESS	NO ACCESS PORTS	2	PS HYDRO	NONE	RELIEF IS NOT NECESSARY		
RR-A04	B-D	NZL-TO-VSL WLDS	UT	ACCESS	CONCRETE SHIELD WALL	2	REQ'D HYDRO	L/ACC	ALT EXAM		
RR-A06	B-F	NZL INSIDE RADIUS	UT	ACCESS	CONCRETE SHIELD WALL	2	REQ'D HYDRO	L/ACC	ALT EXAM		
RR-A20	B-B	SHELL WELDS	UT	ALARA	170-240 MAN-REM EXP	NOT AVL	HYDRO	ACC			
RR-A21	B-D	NZL-TO-SHELL WLDS	UT	ALARA	595-850 MAN-REM EXP	NOT AVL	HYDRO	ACC			
RR-A22	B-D	REG HX NZL INSIDE RADIUS	UT	GEOM	RESULTS NOT	16	NONE	L/ACC	VT DURING SYSTEM HYDRO		
					MEANINGFUL						
RR-A23	B-D	NR HX NOZZLES	UT	ACCESS	INTERNAL BAFFLES	2	VT-1, SUR	L/ACC	ALT EXAM		
RR-A24	B-D	DEM TK NZL INSIDE RADIUS	UT	GEOM	SQUARE PIPE NIPPLES	5	PS HYDRO	NONE	RELIEF NOT REQUIRED		
RR-A29	B-H	INR-WLD SUPPORTS	UT	ALARA	170-240 MAN-REM EXP	NOT AVL	HYDRO	L/ACC	RR ACC ON ONLY 10 SUPPORTS		
RR-A30	B-F	SD COOLING DIS METAL WLD	SUR, UT	ACCESS	VERTICAL 35 FT. DROP	1	PS HYDRO	L/ACC	VT DURING PRESSURE TESTS		
RR-A32	B-J	PIPE-TO-SAFE END WELDS	SUR, UT	ALARA	EXCESSIVE PERS EXP	5	PS HYDRO	NONE	RELIEF NOT NEEDED, NO NEED TO BE IN 25% THIS PERIOD		
RR-A34	B-J	CIRC PIPE WLDS <4"	SUR	ALARA	EXCESSIVE PERS EXP	10	PS HYDRO	NONE	RELIEF NOT NEEDED, NO NEED TO BE IN 25% THIS PERIOD		
RR-A35	B-J	SOCKET WELDS	SUR	ALARA	EXCESSIVE PERS EXP	13	PS HYDRO	NONE	RELIEF NOT NEEDED, NO NEED TO BE IN 25% THIS PERIOD		
RR-A36	B-K-1	MAIN RECIRC, INR-WLD ATTS	SUR OR UT	ACCESS	CANNOT USE	16	VT, PS HYDRO	L/ACC	RELIEF NOT NEEDED, NO NEED TO BE IN 25% THIS PERIOD		
					SCAFFOLDING						
RR-A37	B-K-1	RDS INR-WLD ATTS	SUR OR UT	ACCESS	LUGS COVERED BY PIPE	2	PS HYDRO	REJ	ALT EXAM		
					SUPPORT						
RR-A38	B-K-2	COMPONENT SUPPORTS	VT	ACCESS	CANNOT USE	6	REMOTE EXAM	REJ	NOT JUSTIFIED		
					SCAFFOLDING						
RR-A39	B-L-1	PUMP CASING WLDS	UT	ALARA	1000 MAN-REM EXP	NOT AVL	SUR, VT	L/ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-7B		
RR-A40	B-M-2	VALVE INTERNAL SURFACE	VT	ACCESS	NOT ISOLABLE FROM	6	REQ'D HYDRO	L/ACC	ALT EXAM		
					REACTOR						
RR-B1	IWC-1210	CONTAINMENT PENETRATIONS	HYDRO	TEST COND	CONNECTED TO CLASS 3	9	NONE	NONE	ALT EXAM		
RR-B2	IWC-1210	HX VENT & DRAIN LINES		CODE CLARIF	RELIEF TO CLASSIFY	NOT AVL	NONE	L/ACC	S/B EXAMINED TO HIGHEST CLASS OF CONNECTING PIPE		
					NONNUCLEAR						
RR-C1	D-A	INR-WLD SUPPORTS	VT-3	CODE CLARIF	INSP FREQUENCY OF	NOT AVL	CL 1,2 FREQ	REJ	SHOULD BE CLASSIFIED AS CLASS 3		
					CLASS 3						
RR-C1a	D-B	INR-WLD SUPPORTS	VT-3	CODE CLARIF	INSP FREQUENCY OF	NOT AVL	CL 1,2 FREQ	REJ	NOT JUSTIFIED		
					CLASS 3						
RR-C1b	D-C	INR-WLD SUPPORTS	VT-3	CODE CLARIF	INSP FREQUENCY OF	NOT AVL	CL 1,2 FREQ	REJ	NOT JUSTIFIED		
					CLASS 3						

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
RR-D1	IWA-5000	PRESSURE TESTS	HYDRO	TEST COND	SUBSTITUTE HYDRO FOR NOT AVL PRESSURE		HYDRO	NONE	NOT JUSTIFIED		
RR-D1a	IWB-5000	PRESSURE TESTS	HYDRO	TEST COND	SUBSTITUTE HYDRO FOR NOT AVL PRESSURE		HYDRO	NONE	RELIEF IS NOT NECESSARY		
RR-D1b	IWC-5000	PRESSURE TESTS	HYDRO	TEST COND	SUBSTITUTE HYDRO FOR NOT AVL PRESSURE		HYDRO	NONE	RELIEF IS NOT NECESSARY		
RR-D1c	IWD-5000	PRESSURE TESTS	HYDRO	TEST COND	SUBSTITUTE HYDRO FOR NOT AVL PRESSURE		HYDRO	NONE	RELIEF IS NOT NECESSARY		
V.1		CAL BLK DESIGN	UT	CAL BLOCK	RELIEF FROM MACHINED N/A NOTCHES		USE SDH	REJ	SIDE DRILLED HOLES LESS RELIABLE		
RR-A33	B-J	CIRC PIPE WLDS 4" & >	SUR, UT	ALARA	EXCESSIVE PERS EXP	17	PS HYDRO	NONE	RELIEF IS NOT NECESSARY		
ISI-2	ISI-1, S-75 B-A	4/82 RR, 7/82 TER RV PR RET WLDS	B/83 SER UT	ACCESS	PLANT J, BWR-6E 24 RELIEF REQUESTS SACRIFICIAL SHIELD	8	NONE	L/ACC	EXAM B-B WLDS EQUIVALENT TO B-A-VT @ HYDRO TO IWB-5000	GRANTED	
ISI-2a	B-B	RV PR RET WLDS	UT	ACCESS	SACRIFICIAL SHIELD	10	NONE	L/ACC	INCREASE VOL OF B-B WLDS-VT @ HYDRO TO IWB-5000	L/GRANTED	PROVIDED EXAM VOL OF ACCESS WLD IS INCREASED
ISI-3	B-H	RV SUPPORT SKIRT	UT	ACCESS	INSULATION	1	NONE	L/ACC	EXAM ACCESSIBLE 4 FT OF WLD	MISSING	
ISI-6	B-D	CRD HOUSING WLDS	UT	EXAMINATION	MEETS MAKEUP EXCLUSION CRITERIA	2	VT @ HYDRO	L/ACC	PROVIDED ALT EXAM PERFORMED TO IWB-1220(c)	MISSING	
ISI-7	B-J	PIPING WELDS	UT	ACCESS	PENETRATION FLUED HD 6 WLDS TO PIPE		"BEST EFFORT" VT	L/ACC	UT 1ST PR BNDRY WLDS-VT @ HYDRO TO IWB-1220(c)	L/GRANTED	UT 1ST PR BOUNDARY WLD OUTSIDE CONTAINMENT-VT @ HYDRO
ISI-7a	B-J	PIPING WELDS	UT	ACCESS	MAIN STEAM & FEEDWATER WLDS	10	"BEST EFFORT" VT	REJ	NOT JUSTIFIED-UT @ SUPPORT DIS'M-VT TO IWB-1220(c)	L/GRANTED	UT IF SUPPORTS REMOVED-VT @ HYDRO
ISI-12	B-J	PIPING WELDS	UT	ACCESS	LONG WLDS PARTLY ACCESSIBLE	26	SUR	L/ACC	UT "BEST EFFORT"-SUR EXAM-VT @ HYDRO TO IWB-1220(c)	L/GRANTED	PROVIDED UT BEST EFFORT, SUR, VT @ HYDRO
ISI-8	B-J	PIPING WELDS	UT	ACCESS	NONREMOVABLE HANGERS NOT AVL		EXT POS, SUR	L/ACC	UT "BEST EFFORT"-SUR EXAM-VT @ HYDRO TO IWB-1220(c)	L/GRANTED	PROVIDED BEST EFFORT UT & VT HYDRO
ISI-8a	B-F	DISSIMILAR METAL WLDS	SUR, UT	ACCESS	NONREMOVABLE HANGERS NOT AVL		EXT POS, SUR	L/ACC	UT "BEST EFFORT"-SUR EXAM-VT @ HYDRO TO IWB-1220(c)	L/GRANTED	PROVIDED BEST EFFORT UT & VT HYDRO
ISI-9	B-K-1	INR-WLD SUPPORTS	UT	GEOM	WLD DESIGN	NOT AVL	SUR	L/ACC	PT EXAM-COVER 25% OF INT WLD SUPPORTS EACH INTERVAL	L/GRANTED	PROVIDED PT 25% EACH INTERVAL
ISI-9a	B-K-1	VALVE INT WLD SUPPORTS	UT	GEOM	WLD DESIGN	NOT AVL	SUR	L/ACC	PT EXAM-COVER 25% OF INT WLD SUPPRTS EACH INTERVAL	L/GRANTED	PROVIDED PT 25% EACH INTERVAL
ISI-4	B-L-2	PUMP INTERNAL SURFACES	VT	ALARA	100-300 MAN-REM EXP, PUMP DAMAGE	NOT AVL	VT @ DIS'M	REJ	MORE DEFINITIVE TECHNICAL BASIS NEEDED	NOT GRANTED	DEFERRED TO END OF INTERVAL
ISI-8b	B-M-1	WLDS IN VALVE BODIES	UT	ACCESS	PUMP CASINGS	NOT AVL	EXT POS, SUR	L/ACC	UT "BEST EFFORT"-SUR EXAM-VT @ HYDRO TO IWB-1220(c)	L/GRANTED	PROVIDED BEST EFFORT UT & VT HYDRO
ISI-8c	B-M-1	WLDS IN VALVE BODIES	UT	ACCESS	PUMP CASINGS	NOT AVL	EXT POS, SUR	L/ACC	UT "BEST EFFORT"-SUR EXAM-VT @ HYDRO TO IWB-1220(c)	L/GRANTED	PROVIDED BEST EFFORT UT & VT HYDRO
ISI-5	B-M-2	VALVES > 4" NPS	VT	ALARA	26 GROUPS-3 MAN-REM PER VALVE	26 GROUPS	VT @ DIS'M	REJ	NO JUSTIFICATION-SUBMIT SPECIFIC RELIEF REQUESTS	L/GRANTED	VT @ MAINTENANCE, VT @ PR TEST-SPECIFIC RR @ INT END

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
ISI-13	C-B	RHR HX NZL-TO-VESSEL WLDS	UT	ACCESS	COVERED BY REINFORCEMENT RING	24	SUR RING WLDS	L/ACC	PROVIDED ALT EXAM IS PERFORMED-VT TO IWC-5000	L/GRANTED	PROVIDED ALT EXAM IS PERFORMED-VT @ HYDRO
ISI-14	C-D	BOLTING >1"DIA	VT, SUR OR UT	CODE UPDATE	REQUEST PERMISSION TO USE S79	NOT AVL	EXAM S79	NONE	APPROVAL SHD BE GRANTED UPDATE	APPROVED	
ISI-8d	C-F	PIPING WLDS(UNIT 3 ONLY)	UT	GEOM	FITTING CONFIG, HANGER INTERFERENCE	4	EXT POS, SUR	L/ACC	PROVIDED ALT EXAM IS PERFORMED-VT TO IWC-5000	L/GRANTED	PROVIDED ALT EXAM IS PERFORMED-VT @ HYDRO
ISI-11	C-E-1	SUPPORTS	SUR	ACCESS	WLDS ON RESTRAINT EMBEDDED IN WALL	48	NONE	L/ACC	EXAM WHEN RESTRAINTS ARE DISMANTLED	GRANTED	
ISI-10	IWA-2232	UT CALIBRATION STANDARD	UT	CAL BLOCK	RR FROM S75 REQUIREMENTS		S78 REQ	L/ACC	NEW BLOCKS MEET S75-PIPING BLOCKS MEET S78	APPROVED	
ISI-15	IWA-2232	UT EXAMINATION TECHNIQUE	UT	CODE UPDATE	REQUEST PERMISSION TO USE S78		S78 REQ	ACC	ALT EXAM	APPROVED	
ISI-15a	IWA-3000	EVALUATIONS	UT	CODE UPDATE	REQUEST PERMISSION TO USE S78		S78 REQ	ACC	ALT EXAM	APPROVED	
V.B.1	IWC-1220(a)	EXEMPT COMPONENTS-TEMP & PR		CODE CLARIF	EXEMPTING RHR, ECCS COMPONENTS	NOT AVL	S75 REQ	REJ	INCLUDE REPRESENTATIVE SAMPLE	REJ	
V.B.2	IWC-1220(c)	EXEMPT COMPONENTS-CHEMISTRY		CODE CLARIF	EXEMPTING CLASS 2 ECCS COMPONENTS	NOT AVL	S75 REQ	REJ	REVISE ISI PROGRAM TO INCLUDE THESE	REJ	
PR-9		MS HYDRO TEST	HYDRO	TEST COND	LEAKING VAL SEATS-CANNOT PR TO CODE	NOT AVL	VT-2 @ SYS FUNC	ACC	VT @ SYS FUNC TEST ATP59 PSIG ENSURES INTEGRITY		
II.A.1	ISI-1, S-78	6/82 RR, 9/82 TER PR RETAINING WLDS	SUR, UT	ACCESS	PLANT F, BWR-GE & RELIEF REQUESTS SUR NOT PRACTIBLE	NOT AVL	UT	L/ACC	ALT EXAM-100% UT		
II.B.1	C-F	PR RETAINING WLDS	SUR, UT	ACCESS	SUR NOT PRACTIBLE	NOT AVL	UT	L/ACC	ALT EXAM-100% UT		
I.A.1	B-A	BOTTOM HEAD WELDS	UT	ACCESS	CONSTRAINTS, RADIATION	2	REQ'D HYDRO	REJ	UT ACCESSIBLE 17-20%	ISI-1	S-78
I.D.1	B-J	CNT PENETRATION WLDS	SUR, UT	ACCESS	1 WLD IN EACH ASSY	15	NONE	L/ACC	UT 1ST PR BOUNDARY OUTSIDE CNT		
I.D.2	B-J	PIPING WELDS	SUR, UT	ACCESS	SUR NOT PRACTIBLE	NOT AVL	UT	L/ACC	ALT EXAM-100% UT		
I.F.1	B-M-2	VAL INT SURFACES	VT	EXAMINATION	INCREASE LIKELIHOOD OF FAILURE	NOT AVL	EXAM @ DIS'M	REJ	NO JUSTIFICATION		
					PLANT F, BWR-GE						PREVIOUSLY EVALUATED IN SER 5/19/83
PR-3	ISI-1, S-78	6/87 RR, 1/88 TER CRD NITROGEN ACCUMULATORS	HYDRO	ADDITIONAL R 7 RELIEF REQUESTS TEST COND	PR HIGHER THAN DESIGN	NOT AVL	VT-2 @ OP PR	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
PR-4		MS HYDRO TEST	HYDRO	TEST COND,DA	PR HIGHER THAN DESIGN, STEM DAMAGE	NOT AVL	VT-2 @ 1088 PSIG	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
PR-7		WLDS UPSTREAM OF RHR HX	HYDRO	TEST COND,DA	PR HIGHER THAN DESIGN, HX DAMAGE	NOT AVL	VT-2 @ SYS FUNC	ACC	VT @ SYS FUNC TEST & REQ SUR ENSURES INTEGRITY		
PR-1		HPCI HYDRO TEST	HYDRO	TEST COND,GE	HIGH PRESSURE, VALVE 1 SYSTEM DESIGN		VT-2 @ LOW PR	ACC	VALVE CANNOT BE USED AS BOUNDARY BETWEEN HIGH & LOW PR		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
PR-8		SERVICE WATER LUBE WATER SYS	HYDRO	TEST COND,DA	FOUR-HOUR HOLD TIME-BEARING DAMAGE	1 SYSTEM	VT-2 @ SYS TEST	ACC	VT-2 UNTIL NEW BEARINGS ARE INSTALLED ENSURES INTEGRITY		
VR-2	IWF-2500-1	SERVICE WATER PIPING SUPPORTS	VT-3,VT-4	ACCESS	PERMANENT FIRE RETARDANT	NOT AVL	VT W/RETARDANT ON	ACC	HARD "PYROCRETE" WOULD SHOW ANY SUPPORT MOVEMENT		
REV 1	ISI-2, W-81	B & 12/87 RR, 1 & 2/88 TERs			PLANT F, BWR-6E 7 RELIEF REQUESTS						
RR-2	B-A	RPV CIRC SHELL WLDS	UT	ACCESS,ALARA	NO CLEARANCE, 1500-4500 R EXPOSURE	452 IN	EXTENT POS	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-1	B-J	PR RET WLDS NPS >=4"	SUR,UT	ACCESS	WLDS LOCATED INSIDE PENETRATIONS	15	1ST WLD OUTSIDE	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-4	B-L-2	PHP CASING INTERNAL SURFACES	VT-3	ALARA	50 MAN-REM EXPOSURE	1	VT-3 @ DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-3	B-M-2	VAL BODIES INTERNAL SURFACES	VT-3	ALARA	10 R/HR DOSE RATE	56	VT-3 @ DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-7		MS HYDRO TEST	HYDRO	TEST COND,DA	PR HIGHER THAN DESIGN, STEM DAMAGE	1 SYSTEM	VT-2 @ 1088 PSIG	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-6		HPCI HYDRO TEST	HYDRO	TEST COND,GE	HIGH PRESSURE, VALVE DESIGN	1 SYSTEM	HYDRO @ LOW PR	ACC	VALVE CANNOT BE USED AS BOUNDARY BETWEEN HIGH & LOW PR		
RR-5	IWF-1300-1	DIESEL FUEL STORAGE SUPPORTS	VT-3	ACCESS	PERMANENT FIRE RETARDANT	NOT AVL	VT W/RETARDANT ON	ACC	HARD "PYROCRETE" WOULD SHOW ANY SUPPORT MOVEMENT		
	ISI-1, W-81	6/87 RR, 10/87 TER			PLANT K, BWR-6E 4 RELIEF REQUESTS						
4002	B-J	RC PR RET WLD	SUR, UT	ACCESS	UNDERNEATH A SUPPORT	1	ANOTHER WLD	ACC	ALT EXAM (SAMPLE) ACCEPTABLE		
4001	C-F	PIPING WLDS <=1/2" WALL THK	SUR	GEOM	OPEN-ENDED, PAST LAST SHUTOFF VAL	NOT AVL	NONE	ACC	REFER TO CODE CASE N-408		
4001a	C-F	PIPING WLDS >1/2" WALL THK	SUR, UT	GEOM	OPEN-ENDED, PAST LAST SHUTOFF VAL	NOT AVL	NONE	ACC	REFER TO CODE CASE N-408		
4003	F-C	SUPPORTS	VT-4	EXAMINATION	TECH SPEC MORE STRINGENT THAN CODE	NOT AVL	VT-3 TO 83W84	ACC	ALT EXAM ACCEPTABLE		
	ISI-1, S-75	12/80 RR, 9/82 TER			PLANT L, BWR-6E 17 RELIEF REQUESTS						
02	B-K-1	JNR-WLD SUPPORTS	UT	GEOM	FILLET WELDS		SUR	L/ACC	PT, COVER 25% EACH INSPECTION PERIOD		
03	C-D	PR RET BLTING >1"	VT, SUR OR UT	CODE UPDATE	ELIMINATES SOME EXAMS		NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO 5-78		
04	C-B	RHR NZL-TO-VESSEL WLDS	UT	ACCESS	COVERED BY REINFORCEMENT RINGS	2	SUR	L/ACC	ALT EXAM		
05	C-F	RC PR RET WLDS	UT	ACCESS	INSIDE FLOOR PENETRATION	1	REQ'D HYDRO	L/ACC	ALT EXAM		
06	B-J	PIPING PR RET WLDS	UT	ACCESS	INSIDE CONTAINMENT PENETRATION		REQ'D HYDRO	L/ACC	UT 1ST PR BOUNDARY OUTSIDE CNT, EA PIPE		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
07	B-D	RPV NZL INNER RADIUS	UT	GEOM	JOINT GEOM,UT NOT FEASIBLE	3	SUR	L/ACC	ALT EXAM		
09	B-M-2	VALVES >4" NPS INT SUR	VT	ALARA	DISPROPORTIONATE RAD EXP		EXAM @ DIS'M	REJ	NOT ENOUGH JUSTIFICATION-SUBMIT SPECIFIC RR EA VAL		
10	B-G-1	RPV BLTING	SUR, UT	CODE UPDATE	SUR MORE SENSITIVE	52	SUR	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE,S-78 ALLOWS SUR		
11	C-F	RC PR RET WLDS	UT	GEOM	FILLET WELDS	4	SUR	L/ACC	ALT EXAM		
11.C.1	C-D	PUMP PR RET BLTING >1"	VT, SUR OR UT	CODE UPDATE	ELIMINATES SOME EXAMS		NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
1.A.1	B-A	RV PR RET WLDS	UT	ACCESS	BIOLOGICAL SHIELD	7	NONE	L/ACC	INCREASE EXAM OF ACCESSIBLE WLDS		
1.A.1a	B-B	PR RET WLDS	UT	ACCESS	BIOLOGICAL SHIELD	11	NONE	L/ACC	INCREASE EXAM OF ACCESSIBLE WLDS		
1.E.1	B-K-1	INR-WLD PUMP SUPPORTS	UT	GEOM	FILLET WELDS		SUR	L/ACC	PT, COVER 25% EACH INSPECTION PERIOD		
1.E.2	B-L-1	PUMP INTERNAL SURFACES	VT	ALARA	50 MAN-REM EXP		EXAM @ DIS'M	REJ	NEED MORE DEFINITIVE TECHNICAL BASIS		
1.F.1	B-K-1	VALVE INR-WLD SUPPORTS	UT	GEOM	FILLET WELDS		SUR	L/ACC	PT, COVER 25% EACH INSPECTION PERIOD		
V.A.1	IWA-2232	UT EXAM RECORDING	UT	GEOM	20% DAC INDICATIONS IMPRACTIBLE		50%	L/ACC	20% CRACKS RECORDED-UPDATE S-78		
V.B.1	B-D	CRD PR RET WLDS	UT	CODE CLARIF	MAKEUP SYSTEM		NONE	ACC	PER IWB-1220 (b)(1)		
RI-06	ISI-2, W-B1 B-A	7/84 RR, 9/85 TER RPV WLDS	UT	ACCESS	7 RELIEF REQUESTS DESIGNED BEFORE SEC XI	19	VT @ HYDRO	L/ACC	RR NOT REQ DN 6, ALT EXAM, ACC PORTIONS		
RI-03	B-D	RPV NZL INSIDE RADIUS	UT	EXAMINATION	SUR MORE SENSITIVE	3	SUR	ACC	ALT EXAM PROVIDES ASSURANCE OF RELIABILITY		
RI-01	B-J	PIPING WLDS >4"NPS	SUR, UT	ACCESS	INSIDE CONTAINMENT PENETRATION	15	VT @ LK TEST	L/ACC	1ST ACC PR BND WLD UP OR DOWNSTREAM-UT, SUR-ALT EXAM		
RI-05	C-A	TUBESHEET-TO-SHELL WLDS	UT	ACCESS	COMPLEX CONFIGURATION	2	VT @ LK TEST	L/ACC	ALT EXAM PERFORMED TO IWC-5000		
RI-02	C-F	PR RET WLDS <=1/2"WALL THK	SUR	ALARA	NO QUANTITATIVE FIGURES	NOT AVL	VT @ PR TEST	REJ	ALT EXAM IMPRACTICAL		
RI-02a	C-F	PR RET WLDS >1/2" WALL THK	SUR, UT	ALARA	NO QUANTITATIVE FIGURES	NOT AVL	VT @ PR TEST	REJ	ALT EXAM IMPRACTICAL		
RI-04	C-F	PR RET WLDS <=1/2"WALL THK	SUR	ACCESS	INSIDE FLOOR PENETRATION	1	VT @ HYDRO	L/ACC	ALT EXAM PERFORMED TO IWC-5000		
1	ISI-2, S-83 B-L-1	6/87 RR, 7/88 TER PMP CASING WLDS	UT	DAMAGE/ALARA	PLANT 80, PWR-W 11 RELIEF REQUESTS PMP DAMAGE/35-100 MAN-REM	NOT AVL	VT-2 @ HYDRO	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		

BWR 1S1 RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
1a	B-L-2	PMP CASING INTERNAL SURFACES	VT-3	DAMAGE/ALARA	PMP DAMAGE/35-100 MAN-REM	NOT AVL	0 HYDRO & DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
1b	B-G-1	FLANGE SURFACE @ DIS'M	VT-1	DAMAGE/ALARA	PMP DAMAGE/35-100 MAN-REM	NOT AVL	VT-3 @ DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
2	C-F	PIPE-TO-FLUED HD WLD	SUR,UT	ACCESS	ENCLOSED WITHIN PENETRATION SLEEVE	2	SUR,UT	L/ACC	PROVIDED VT IS PERFORMED ON ASSYS @ HYDRO LK TEST		
3	C-F	PIPE-TO-FLUED HD WLD	SUR,UT	ACCESS	PIPE WHIP RESTRAINT	1	1 ADJACENT WLD	L/ACC	PROVIDED VT IS PERFORMED @ HYDRO & LK TEST		
P2		CVCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, NON QUAN	1 SYSTEM	2280 PSIG MAX	ACC	ALT EXAM ENSURES INTEGRITY		
P4		ECCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, NON QUAN	4 LOOPS	2280 PSIG MAX	ACC	ALT EXAM ENSURES INTEGRITY		
P1		ECCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, NON QUAN	4 SECTION	2280 PSIG MAX	ACC	ALT EXAM ENSURES INTEGRITY		
P2a		CVCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, NON QUAN	1 SYSTEM	2280 PSIG MAX	ACC	ALT EXAM ENSURES INTEGRITY		
P5		RCS & CVCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, 8.5 MAN-REMS	5 SECTION	2800 PSIG	ACC	ALT PSIG IS 25% ABOVE OPERATING PR-ASSURES INTEGRITY		
P2b		CVCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, 8.5 MAN-REMS	3 LOOPS	2280 PSIG MAX	ACC	ALT EXAM ENSURES INTEGRITY		
CHANGE 1	1S1-2, S-83	4/87 RR, 7/88 TER			PLANT BP, PWR-W						
1	B-A	RPV PR RET HD WLD	UT	ACCESS	CRD HOUSINGS & SHROUD	2	LK TEST,VT-2	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
2	B-A	RPV PR RET HEAD-TO-FLANGE WLD	SUR,UT	ACCESS	CLOSURE HEAD LIFTING LUGS	1	NONE	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
3	B-D	NZL-TO-VSL WELDS	UT	GEDM	NZL BLEND RADIUS INTERFERENCE	1	SUR	ACC	PARTIAL UT, ALT EXAM & VT ENSURES INTEGRITY		
4	B-L-1	RC PMP CASING WLD	UT	ALARA,DAMAGE	35-100 MAN-REM, PMP DAMAGE	1	0 HYDRO & DIS'M,SUR	L/ACC	PROVIDED UT IS PERFORMED @ DIS'M		
4a	B-L-2	RC PMP INTERNAL SURFACE	VT-3	ALARA,DAMAGE	35-100 MAN-REM, PMP DAMAGE	1	0 HYDRO & DIS'M,SUR	L/ACC	PROVIDED UT IS PERFORMED @ DIS'M		
4b	B-G-1	RC PMP FLANGE SURFACE	VT-1	ALARA,DAMAGE	35-100 MAN-REM, PMP DAMAGE	1	0 HYDRO & DIS'M,SUR	L/ACC	PROVIDED UT IS PERFORMED @ DIS'M		
5	C-F	PIPE-TO-FLUED HD WLD	SUR,UT	ACCESS	ENCLOSED WITHIN PENETRATION SLEEVE	2	1ST WLD OUTSIDE	L/ACC	PROVIDED VT @ HYDRO & LK TEST		
6	C-F	PIPE-TO-FLUED HD WLD	SUR,UT	ACCESS	PIPE WHIP RESTRAINT	1	1 ADJACENT WLD	L/ACC	PROVIDED VT @ HYDRO & LK TEST		
P2		CVCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, NON QUAN	1 SYSTEM	2280 PSIG MAX	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
P4		ECCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, NON QUAN	4 LOOPS	2280 PSIG MAX	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
P1		ECCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, NON QUAN	4 SECTION	2280 PSIG MAX	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
P2a		CVCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, NON QUAN	1 LOOP	2280 PSIG MAX	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
P3		CVCS SYS HYDRO TEST	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, NON QUAN	4 LINES	2280 PSIG MAX	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
P5		AUX SPRAY	HYDRO	TEST COND,AL	PR HIGHER THAN DESIGN, 5-8.5 MAN-REM	5 SECTION	2800 PSIG	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-A1	ISI-1, W-81 B-A	6/87 RR, 8/87 TER RPV PR RET WLDS	10/87 SER UT	ACCESS	PLANT M, BWR-GE 17 RELIEF REQUESTS OBSTRUCTIONS- EQUIPMENTS,NZLS	22	NONE	ACC	LIMITED UT PLUS REQ PR TEST PROVIDES INTEGRITY	REJ	
RR-A2	B-A	RPV LOWER HEAD WLDS	UT	ACCESS	CRD HOUSINGS	2	NONE	ACC	UT IS IMPRACTICAL	REJ	
RR-A6	B-D	RPV NZL-TO-VESSEL WLDS	UT	ACCESS	INSTRUMENTATION NZL PENETRATIONS	NOT AVL	NONE	ACC	LIMITED UT PLUS REQ PR TEST PROVIDES INTEGRITY	REJ	
RR-A7	B-E	CRD & INSTRUMENT NZLS	VT	ACCESS	TIGHTLY CLUSTERED HOUSINGS	NOT AVL	LK & HYDRO	NONE	RELIEF NOT REQ-LK TEST COMPLIES WITH CODE	NOT REQ	
RR-A3	B-J	PIPING CIRCUMFERENTIAL WLDS	SUR, UT	ACCESS	CLEARANCE AND OBSTRUCTION	1	NONE	NONE	RELIEF NOT REQ-EXAM OF THIS WLD IS NOT CODE REQ	NOT REQ	
RR-A8	B-K-1	INR-WLD ATTACHMENTS	SUR OR UT	ACCESS	SURROUNDED BY SUPPORTS	16	0 SUPPORT REMOVAL	ACC	ALT EXAM ACCEPTABLE	GRANTED	
RR-A9	B-K-1	INR-WLD ATTACHMENTS	SUR OR UT	CODE CLARIF	ABANDONED LUGS SERVE NO PURPOSE	20	NONE	ACC	REFERENCE CODE CASE N-343	GRANTED	
RR-A10	B-K-1	INR-WLD ATTACHMENTS	SUR OR UT	ACCESS	INSTALLED IN PENETRATIONS	42	NONE	ACC	LUGS ARE NOT LOADED		
RR-A4	B-L-2	PUMP CASINGS	VT-3	ALARA	50 MAN-REM EXPOSURE PER PUMP	2	VT-3 @ DIS'M	ACC	ALT EXAM ACCEPTABLE	GRANTED	
RR-A11	B-K-1	INR-WLD ATTACHMENTS	SUR OR UT	ALARA	INSULATION REMOVAL-12,800 MR TOTAL	NOT AVL	IF REMOVED	ACC	ALT EXAM ACCEPTABLE	GRANTED	
RR-A5	B-M-2	VALVE BODIES >4 " NPS	VT-3	ALARA	10 R/HR FIELDS	23	VT-3 @ DIS'M	ACC	ALT EXAM ACCEPTABLE	GRANTED	
RR-A14	C-C	PR VSL INT WLD ATTACHMENTS	SUR	ACCESS	ENCASED BY STRUCTURAL STEEL	1	NONE	ACC	TOTALLY INACCESSIBLE	GRANTED	
RR-A12	C-C	INR-WLD ATTACHMENTS	SUR	CODE CLARIF	ABANDONED LUGS SERVE NO PURPOSE	53	NONE	ACC	REFERENCE CODE CASE N-343	GRANTED	
RR-A13	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS	PADS LOCATED IN FLOOR PENETRATIONS	8	NONE	ACC	WOULD INVOLVE REDESIGN	GRANTED	
RR-B2		CLASS 1,2,3 SUPPORTS		EXAMINATION	RR FROM ADJACENT SUPPORT EXAM	NOT AVL	ENG EVAL	ACC		GRANTED	
RR-C1		CLASS 1,2,3 SNUBBERS		ACCESS	RR FROM INSULATION REMOVAL	NOT AVL	ACCESS PORTIONS	REJ	PROVIDE TECHNICAL JUSTIFICATION	REJ	
RR-C2		CLASS 1,2,3 SNUBBERS		EXAMINATION	RR FROM ADJACENT SNUBBER EXAM	NOT AVL	ONLY SIMILAR ONES	ACC	ALT EXAM ACCEPTABLE	GRANTED	

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
					PLANT AA, BWR-GE 29 RELIEF REQUESTS						
I.A.1	ISI-1, S-75 B-A	8/82 RR, 9/82 TER RV SHELL WLDS	UT	ALARA	NO QUANTITATIVE FIGURES	NOT AVL	0 CORE DIS'M	REJ	ATTEMPT TO EXAM TO CODE-HYDRO PER IWB-5000		
I.A.1a	B-B	RV HEAD WLDS	UT	ALARA	NO QUANTITATIVE FIGURES	NOT AVL	0 CORE DIS'M,VT	REJ	ATTEMPT TO EXAM TO CODE-HYDRO PER IWB-5000		
I.A.2	B-D	RPV NZL-TO-VESSEL WLDS	UT	EXAMINATION	INTERPRETATION PROBLEMS	NOT AVL	NONE	REJ	PURSUCE STATE-OF-THE ART TECHNOLOGY		
I.A.3	B-G-2	B1.11,B4.12,B5.9,B6.9 BLTING	VT	EXAMINATION	RADIATION, TIME, DOLLARS	NOT AVL	VT 0 DIS'M	REJ	NO JUSTIFICATION-SUBMIT SPECIFIC RR		
I.A.4	B-I-1	VESSEL CLADDING	VT	EXAMINATION	REQ DROPPED FROM S7B 6 PATCHES	NONE		NONE	APPROVAL SHD BE GRANTED TO UPDATE S7B-DELETES REQ		
I.A.5	B-D	CRD HOUSING WLDS	UT	EXAMINATION	MEETS MAKEUP EXCLUSION CRITERIA	NOT AVL	NONE	L/ACC	PROVIDED VT PERFORMED IN ACCORDANCE WITH IWB-1220(c)		
I.D.1	B CATEGORIES	CLASS 1,2 INACCESSIBLE WLDS	SUR, UT	ACCESS	PHYSICAL LOCATION RESTRICTS ACCESS	NOT AVL	SUR OR VT	REJ	NOT JUSTIFIED-SUBMIT SPECIFIC RR-(POORLY SUBMITTED)		
I.D.2	B-G-2	PR RET BOLTING (2" DIA	VT	EXAMINATION	RADIATION, TIME, DOLLARS	NOT AVL	VT 0 DIS'M	REJ	NO JUSTIFICATION-SUBMIT SPECIFIC RR		
I.D.3	B-J	PIPING WELDS	UT	ACCESS	INSIDE CONTAINMENT PENETRATION	NOT AVL	VT 0 HYDRO	L/ACC	UT 1ST WLDS OUTSIDE-VT TO IWB-1220(c)		
I.D.4	B-J,C-F,C-6	PIPING BRANCH WLDS	UT	GEOM	PHYSICAL DESIGN-UT MEANINGLESS	NOT AVL	SUR	L/ACC	ACC CLASS 1 -(2" AND CLASS 2--REJ CLASS 1) >6" DIA		
I.D.5	B-K-1	INR-WLD SUPPORTS	UT	GEOM	FILLET OR PARTIAL PENETRATION WLDS	NOT AVL	SUR	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE TO S7B		
I.E.1	B-G-2	BOLTING (2" DIA	VT	EXAMINATION	RADIATION, TIME, DOLLARS	NOT AVL	VT 0 DIS'M	REJ	NO JUSTIFICATION-SUBMIT SPECIFIC RR		
I.E.2	B-K-1,B-K-2	INACCESSIBLE WLDS	SUR, UT	ACCESS	PHYSICAL LOCATION RESTRICTS ACCESS	NOT AVL	SUR OR VT	REJ	NOT JUSTIFIED-SUBMIT SPECIFIC RR-(POORLY SUBMITTED)		
I.E.3	B-K-1	PUMP INT WLD SUPPORTS	UT	GEOM	FILLET OR PARTIAL PENETRATION WLDS	NOT AVL	SUR	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE TO S7B		
I.E.4	B-L-2	PHP CASING INTERNAL SURFACE	VT	ALARA	NO QUANTITATIVE FIGURES	NOT AVL	VT 0 DIS'M	REJ	MORE DEFINITIVE TECHNICAL BASIS IS NEEDED		
I.F.1	B-G-2	BOLTING (2" DIA	VT	EXAMINATION	RADIATION, TIME, DOLLARS	NOT AVL	VT 0 DIS'M	REJ	NO JUSTIFICATION-SUBMIT SPECIFIC RR		
I.F.2	B-K-1	INR-WLD SUPPORTS	UT	GEOM	FILLET OR PARTIAL PENETRATION WLDS	NOT AVL	SUR	NONE	APPROVAL SHOULD BE GRANTED TO UPDATE TO S7B		
I.F.3	B-K-1,B-K-2	INACCESSIBLE WLDS	SUR, UT	ACCESS	PHYSICAL LOCATION RESTRICTS ACCESS	NOT AVL	SUR OR VT	REJ	NOT JUSTIFIED-SUBMIT SPECIFIC RR-(POORLY SUBMITTED)		
I.F.4	B-M-2	VALVE INTERNAL SURFACE	VT	ALARA	NO QUANTITATIVE FIGURES	NOT AVL	VT 0 DIS'M	REJ	NOT JUSTIFIED-SUBMIT SPECIFIC RR		
II.B.1	C-F,C-6	PIPING WLDS >4" NPS	UT	GEOM	THIN WALL (<1/2"	NOT AVL	SUR	NONE	UPDATE TO S7B-PERMITS SUR		
II.B.2	4 CATEGORIES	CLASS 2 INACCESSIBLE WLDS	SUR, UT	ACCESS	PHYSICAL LOCATION RESTRICTS ACCESS	NOT AVL	SUR OR VT	REJ	NOT JUSTIFIED-SUBMIT SPECIFIC RR-(POORLY SUBMITTED)		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
11.B.3	C-D	BOLTING >1" DIA	VT	CODE UPDATE	REQUEST TO USE S78	NOT AVL	S78 REQ	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S78		
11.C.1	C-D	BOLTING >1" DIA	VT	CODE UPDATE	REQUEST TO USE S78	NOT AVL	S78 REQ	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S78		
11.D.1	C-D	BOLTING >1" DIA	VT	CODE UPDATE	REQUEST TO USE S78	NOT AVL	S78 REQ	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S78		
11.D.2	C-E-1,C-E-2	CLASS 2 INACCESSIBLE WLDS	SUR, UT	ACCESS	PHYSICAL LOCATION RESTRICTS ACCESS	NOT AVL	SUR OR VT	REJ	NOT JUSTIFIED-SUBMIT SPECIFIC RR-(POORLY SUBMITTED)		
V.A.1	IWA-2232	RR FROM THIN WALL =(.375"	UT	EXAMINATION	UT UNRELIABLE	NOT AVL	SUR	REJ	NO JUSTIFICATION		
V.B.1	IWA-1220(a)	EXEMPT COMPONENTS-TEMP & PR		CODE CLARIF	EXEMPTING ECCS & RHR COMPONENTS	NOT AVL	NONE	REJ	EXAM REPRESENTATIVE SAMPLE OF ECCS & RHR COMPONENTS		
V.B.2	IWB-1220(b)(1)	EXEMPT-RC MAKEUP CAPABILITY		CODE CLARIF	MEETS MAKEUP EXCLUSION CRITERIA	NOT AVL	NONE	ACC	CODE REQUIREMENTS HAVE BEEN MET-E2 CLASSIFICATION		
V.C.1	IWA-4000	REPAIR PROCEDURES		CODE CLARIF	RR FROM REQ OF IWA-4000	NOT AVL	FABRICATION STD	NONE	RELIEF NOT REQ-IWA-4100 PERMITS CONSTRUCTION CODE		
R13	ISI-2, W-B1 B-A	12/86 RR, 3/87 TER RPV PR RET WLDS	10/87 SER UT	ACCESS	18 RELIEF REQUESTS SHIELD WALL & PERMANENT INSULATION	2	EXT POS, OTHER WLDS	ACC	ALT EXAM PROVIDES ACCEPTABLE LEVEL INTEGRITY	REJ	
R14	B-A	RPV HEAD WLDS	UT	ACCESS	VESSEL SKIRT, OBSTRUCTIONS	2	OTHER WLDS	ACC	ALT EXAM PROVIDES ACCEPTABLE LEVEL INTEGRITY	REJ	
R6	B-D	CRD PR RET WLDS	SUR OR UT	ACCESS	STRUCTURAL INTERFERENCES	NOT AVL	EXT POS, OTHER WLDS	ACC	VT & HYDRO ALSO, PLUS ALT EXAM GRANTED ACC		
R2	B-J	PR RET WLDS CLASS 1 PIPING	IWB-2500-1	CODE CLARIF	RELIEF FROM TABLE IWB-2500-1	NOT AVL	74575-IWB-2500,2600	NONE	RELIEF NOT REQUIRED	NOT REQ	
R4	B-J	PR RET WLDS >4"	SUR, UT	ACCESS	WITHIN CONTAINMENT PENETRATIONS	15 BOTH	VT-HYDRO, 1ST OUT	ACC	UT 1ST WLD OUTSIDE CONTAINMENT ALSO, ACC	GRANTED	
R4a	B-J	PR RET WLDS <4"	SUR	ACCESS	WITHIN CONTAINMENT PENETRATIONS	ITEMS	VT-HYDRO, 1ST OUT	ACC	UT 1ST WLD OUTSIDE CONTAINMENT ALSO, ACC	GRANTED	
R9	B-K-1	INR-WLD ATTACHMENTS	SUR OR UT	CODE CLARIF	INCORRECTLY CLASSIFIED AS B-K-1	16	VT-1	NONE	RR NOT NECESSARY, SHOULD BE CATEGORY E-B	GRANTED	
R5B	B-L-2	PUMP INTERNAL SURFACES	VT-3	ALARA	RAD EXP, PUMP DAMAGE	NOT AVL	VT @ DIS'M	REJ	IDENTIFY COMPONENTS, PLANT SITED DAMAGE FOR REASON	GRANTED	
R7	B-G-1	PR RET BLTING >2" IN DIA	VT-1	ALARA	RAD EXP, BLTING DAMAGE	NOT AVL	VT-2 @ HYDRO	REJ	NOT JUSTIFIED	REJ	
R5C	B-M-2	VALVE BODIES >4"NPS	VT-3	ALARA	RAD EXP, VALVE DAMAGE	NOT AVL	VT-1/VT-3 @ DIS'M	REJ	IDENTIFY COMPONENTS, PLANT SITED DAMAGE FOR REASON	GRANTED	
R5A	B-G-2	PR RET BLTING <2" DIA	VT-1	ACCESS	ONLY ACCESSIBLE DURING MAINTENANCE	NOT AVL	VT-1 @ DIS'M	REJ	NOT JUSTIFIED	REJ	
R15	C-A	HX TUBESHEET-TO-SHELL WLD	UT	ALARA	4.5 REM/PERSON	1	UT @ DIS'M	REJ	SUBMIT NEW RR NEAR END OF INTERVAL, ACC ALT EXAM	REJ	
R1	C-F	PR RET WLDS CLASS 2 PIPING	IWC-2500-1	EXAMINATION	RELIEF FROM TABLE IWC-2500-1	NOT AVL	74575	NONE	RELIEF NOT REQUIRED	NOT REQ	

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
R3	C-F	PR RET WLDS CLASS 2 PIPING	IWC-2500-1	EXAMINATION	RELIEF FROM TABLE IWC-2500-1	NOT AVL	74S75	NONE	RELIEF NOT REQUIRED	NOT REQ	
R12	IWD-5000	PRESSURE TESTS	HYDRO	TEST COND	NO ISOLATION VALVES	12 SYS	VT-2, FLOW VERIF	ACC	ALT EXAM ASSURES STRUCTURAL INTEGRITY	GRANTED	
R11	B-F,B-J	IGSCC IN LIEU OF CODE UT	UT	ALARA		174	IGSCC EXAMS	NONE	RELIEF NOT REQUIRED-IGSCC MORE STRINGENT	NOT REQ	
R10		CLASS 3 PIPING,SUPPORTS <=4"	VT-2	EXAMINATION	RELIEF FROM BOWBI	NOT AVL	74S75	REJ	CLASS 3 PIPING SHOULD NOT BE EXEMPT	REJ	
RB	F-C	SNUBBERS	VT-3	EXAMINATION	REQUEST TO USE TECH SPEC	NOT AVL	TECH SPEC	ACC	VT ONLY-TECH SPEC EQUIVALENT TO CODE	GRANTED	
R16	F-C	SUPPORTS	VT-4	EXAMINATION	REQUEST TO USE TECH SPEC	NOT AVL	TECH SPEC	ACC	TECH SPEC EQUIVALENT TO CODE	GRANTED	
PLANT AB, BWR-GE											
1-00004	ISI-1, S-79 B-A	7/84 RR, 3/86 TER RPV LOWER MD-TO-SHELL WLD	UT	ALARA	12 RELIEF REQUESTS 800 MR/HR FIELD	1	SEC W/INDICATIONS	L/ACC	ALT EXAM, UT UPPER PORTION 100%, REQ PRESSURE TESTS		
1-00005	B-A	RPV SEAM WLD	UT	ALARA	B-10 R/HR FIELD	1	SEC W/INDICATIONS	L/ACC	ALT EXAM, UT UPPER PORTION 100%, REQ PRESSURE TESTS		
1-00006	B-A	RPV SEAM WLD	UT	ALARA	B-10 R/HR FIELD	1	NONE	L/ACC	UT EXTENT POSSIBLE, REQ PRESSURE TESTS		
1-00008	B-D	CRD HOUSING WLDS	SUR OR UT	ACCESS	SUPPORT STRUCTURE	NOT AVL	NONE	L/ACC	UT ACCESSIBLE AREAS, REQ PR TESTS, EXAM IF REMOVED		
1-00007	B-J	PIPING WLDS >=4"NPS	SUR, UT	ACCESS	PROCESS & GUARD PIPES, FLUED HEAD OBSTRUCTIONS	11	ACCESSIBLE LENGTH	L/ACC	ALT EXAM, REQ SUR AND PRESSURE TESTS		
1-00010	B-J	PIPING WLDS >=4"NPS	SUR, UT	ACCESS		18	INC FREQ ACC WLDS	L/ACC	UT EXTENT POS TWICE PER INTERVAL, REQ SUR & PR TESTS		
1-00002	C-F	PIPING WLDS >1/2"WALL THK	SUR, UT	ACCESS	RR FROM UT-BRACKET	1	ACC PORTION	L/ACC	UT EXTENT POS TWICE PER INTERVAL, REQ SUR & PR TESTS		
1-00003	C-F	PIPING WLDS >1/2"WALL THK	SUR, UT	ACCESS	SUBMERGED	1	NONE	ACC	FABRICATION EXAM ASSURES RELIABILITY		
1-00010a	C-F	RCIC PIPING WLDS	SUR, UT	ACCESS	OBSTRUCTIONS	5	EXT POS TWICE INT	L/ACC	ALT EXAM, REQ SUR EXAMS & PR TESTS		
1-00011	C-F	PIPING WLDS >1/2"WALL THK	SUR, UT	GEDM,ACCESS	RR FROM UT & RT DUE TO DESIGN	2	MT	L/ACC	ALT EXAM, REQ PRESSURE TESTS		
1-00009	C-B	PUMP CASING WLDS	SUR	ACCESS	CONCRETE ENCASEMENT WALL	3	OPERABILITY TEST	L/ACC	ALT EXAM, EXTENT POS, REQ PR TESTS, SUR & DIS'M		
1-00001	F-C	SUPPORTS	VT-4	ACCESS	INSIDE GUARD PIPES	10	NONE	ACC	FAILURE UNLIKELY-WOULD HAVE NO ADVERSE AFFECTS		
PLANT I, BWR-GE											
2.1.4	ISI-1, S-75 B-J	4/82 RR, 9/82 TER PIPING WELDS	UT	ACCESS	34 RELIEF REQUESTS DES OF FLUED HEAD	12	SUR	L/ACC	UT 1ST PR BOUNDARY WLD OUTSIDE CNT, EA PIPE	ISI-1	S-75

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
2.1.5	B-D	CRD PR RET WLDS	UT	ACCESS	OBSTRUCTIONS	NOT AVL	REQ'D HYDRO	L/ACC	ALT EXAM		
2.1.6	B-J	PIPING WELDS	UT	ACCESS	OBSTRUCTIONS	16	SUR,EXT POS	L/ACC	ALT EXAM		
E-1	B-K-1	PUMPS INR-WLD SUPPORTS	UT	CODE UPDATE	REQUEST TO UPDATE TO S-79	NOT AVL	SUR	ACC	NRC-PERMISSION GRANTED TO UPDATE TO S-79		
E-2	B-K-2	PUMP SHOCK SUPPRESSORS	VT	CODE UPDATE	PLANT TECHNICAL SPECIFICATIONS	NOT AVL	TECH'L SPEC	ACC	EXAM TO PLANT TECHNICAL SPECIFICATION		
E-3	B-K-2	PUMP SUPPORTS	VT	CODE UPDATE	REQUEST TO EXAM TO 1980	NOT AVL	EXAM TO W-80	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO W-80		
F-1	B-K-1	VALVE SUPPORTS	UT	CODE UPDATE	REQUEST TO UPDATE TO S-79	NOT AVL	SUR	ACC	NRC-PERMISSION GRANTED TO UPDATE TO S-79		
F-2	B-K-2	VALVE SHOCK SUPPRESSORS	VT	CODE UPDATE	PLANT TECHNICAL SPECIFICATIONS	NOT AVL	TECH'L SPEC	ACC	EXAM TO PLANT TECHNICAL SPECIFICATION		
F-3	B-K-2	VALVE SUPPORTS	VT	CODE UPDATE	REQUEST TO EXAM TO 1980	NOT AVL	EXAM TO W-80	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO W-80		
111.A.2	IWD-2410	RIVER INTAKE PUMPS	HYDRO	ACCESS	SUBMERGED	NOT AVL	VT OPERATING	L/ACC	ALT EXAM		
111.A.2a	IWD-2600	RIVER INTAKE PUMPS	HYDRO	ACCESS	SUBMERGED	NOT AVL	VT OPERATING	L/ACC	ALT EXAM		
11.B.1	C-F	RC PR RET WLDS	UT	ACCESS	GEOM,SUR CONDITIONS	NOT AVL	EXTENT POS	L/ACC	ALT EXAM AND HYDRO		
11.B.1a	C-G	PR RET WLDS	UT	ACCESS	GEOM,SUR CONDITIONS	NOT AVL	EXTENT POS	L/ACC	ALT EXAM AND HYDRO		
11.B.1b	C-E-1	SUPPORTS	SUR	ACCESS	LOCATION	NOT AVL	EXTENT POS	L/ACC	VT DURING HYDRO		
11.B.2	C-E-2	PIPING SHOCK SUPPRESSORS	VT	EXAMINATION	ONGDING INSP EXCEEDS CODE REQ'S	NOT AVL	TECH'L SPEC	ACC	EXAMINE TO PLANT TECHNICAL SPECIFICATION		
11.B.3	C-E-2	SUPPORTS	VT	CODE UPDATE	AMBIGUOUS WORDING	NOT AVL	EXAM TO W-80	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO W-80		
11.C.1	C-D	HPCI,RCIC BOLTING >1"	VT,SUR,UT	CODE UPDATE	PLANS TO UPDATE TO W-80	NOT AVL	EXAM @ DIS'N	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE S-78,NOT W-80		
11.C.1b	C-E-1	SUPPORTS	SUR	ACCESS	LOCATION	NOT AVL	EXTENT POS	L/ACC	ALT EXAM AND HYDRO		
11.C.2	C-E-2	PUMP SHOCK SUPPRESSORS	VT	EXAMINATION	ONGDING INSP EXCEEDS CODE REQ'S	NOT AVL	TECH'L SPEC	ACC	EXAMINE TO PLANT TECHNICAL SPECIFICATION		
11.C.3	C-E-2	PUMP SUPPORTS	VT	CODE UPDATE	AMBIGUOUS WORDING	NOT AVL	EXAM TO W-80	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO W-80		
11.D.1	C-E-2	VALVE SHOCK SUPPRESSORS	VT	CODE UPDATE	PLANT TECHNICAL SPECIFICATIONS	NOT AVL	TECH'L SPEC	ACC	EXAM TO PLANT TECHNICAL SPECIFICATION		
11.D.2	C-E-2	VALVE SUPPORTS	VT	CODE UPDATE	REQUEST TO EXAM TO 1980	NOT AVL	EXAM TO W-80	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO W-80		
1V.A.1	IWA-5210	PR RET COMPONENTS	HYDRO	CODE UPDATE	RELIEF FROM 4 HR. HOLD TIME	NOT AVL	HOLD 10 MIN.	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
1V.B.1	IWA-5000	CLASS 1 HYDRO	HYDRO	TEST COND	RELIEF FROM 100 DEGREES F	NOT AVL	70 DEGREES	L/ACC	ALT EXAM		
1V.C.1	IWA-5230	PRESSURE TESTS	HYDRO	TEST COND	NOT ISOLABLE FROM CLASS 1	NOT AVL	IWB-5222	L/ACC	ALT EXAM---WON'T OVER PRESSURIZE CLASS 1		
1V.C.2	IWC-5000	CLASS 2 HYDRO	HYDRO	TEST COND	RELIEF FROM 100 DEGREES F	NOT AVL	70 DEGREES	NONE	UPDATE TO S-78		
1V.D.1	IWD-2410	CLASS 3 PRESSURE TESTS	HYDRO	TEST COND	COOLING LOADS	NOT AVL	VT OPERATING	REJ	NOT ENOUGH JUSTIFICATION,UPDATE TO S-78		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
IV.D.1a	IWD-2600	BURIED PIPING	HYDRO	ACCESS	BURIED	NOT AVL	VT OPERATING	REJ	NOT ENOUGH JUSTIFICATION, UPDATE TO S-78		
I.D.4	B-K-2	SHOCK SUPPRESSORS	VT	EXAMINATION	ONGOING INSP EXCEEDS NOT AVL	TECH'L SPEC	ACC		EXAMINE TO PLANT TECHNICAL SPECIFICATION		
I.D.4a	C-E-2	SHOCK SUPPRESSORS	VT	EXAMINATION	ONGOING INSP EXCEEDS NOT AVL	TECH'L SPEC	ACC		EXAMINE TO PLANT TECHNICAL SPECIFICATION		
I.D.5	B-K-2	SUPPORTS	VT	CODE UPDATE	AMBIGUOUS WORDING	NOT AVL	EXAM TO W-80	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO W-80		
I.D.5a	C-E-2	SUPPORTS	VT	CODE UPDATE	AMBIGUOUS WORDING	NOT AVL	EXAM TO W-80	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO W-80		
I.F.4	B-M-2	VALVES >4" NPS INT SUR	VT	ALARA	2-3 MAN-REM/VALVE EXP	NOT AVL	EXAM @ DIS'M	REJ	NOT ENOUGH JUSTIFICATION		
V.B.1	IWC-1220	EXEMPTED COMPONENTS	HYDRO	TEST COND	>275 PSIG, 200 DEGREES F	NOT AVL	NONE	REJ	SHOULD INCLUDE REPRESENTATIVE SAMPLE		
REV 2	ISI-2	9/88 RR, 5/89 TER			PLANT 1, BWR-BE						
2.1.1	B-A	PR VSL SHELL WLDS	UT	ACCESS	25 RELIEF REQUESTS	4	NONE, EXTENT PRAC	REJ	PLANS, TECHNOLOGY, TOOLING, SHOULD BE DEVELOPED		
2.1.1a	B-A	PR VSL SHELL WLDS	UT	ACCESS	THREE ACCESS PORTS	2	NONE, EXTENT PRAC	REJ	PLANS, TECHNOLOGY, TOOLING, SHOULD BE DEVELOPED		
2.1.3	B-D	NZL-TO-VSL WLDS	UT	ACCESS	PERMANENT PHYSICAL OBSTRUCTIONS	14	NONE, EXTENT PRAC	ACC	LIMITED EXAM PROVIDES ASSURANCE OF STRUCTURAL INTEGRITY		
2.1.3a	B-D	NZL-TO-VSL WLDS	UT	ACCESS	PERMANENT PHYSICAL OBSTRUCTIONS	2	NONE, EXTENT PRAC	ACC	LIMITED EXAM PROVIDES ASSURANCE OF STRUCTURAL INTEGRITY		
2.1.7	B-J	PR RET WLDS	SUR, UT	ACCESS	DESIGN OF FLUED HEAD 16		NONE	ACC	CAN ONLY BE EXAMINED FOR LEAKAGE IN HYDRO TEST		
4.1.2	D-B, D-C	PIPING SYSTEMS	HYDRO	ACCESS	BURIED UNDER ASPHALT 2 SYS		NONE	ACC	SYSTEM FUNCTIONAL TEST DEMONSTRATES LEAK-TIGHT INTEGRITY		
4.1.2	D-A	PIPING SYSTEMS	HYDRO	ACCESS	BURIED UNDER ASPHALT 2 SYS		NONE	ACC	SYSTEM FUNCTIONAL TEST DEMONSTRATES LEAK-TIGHT INTEGRITY		
4.1.3	D-A, D-B, D-C	PIPING SYSTEMS	HYDRO	TEST CONDITI	BUTTERFLY VAL'S ARE NOT BLOCK VALVES		NORMAL OPERATING PR	ACC	PIPING W/BUTTERFLY VALVES 6" & LARGER		
4.1.4		CLASS 3 TUBING <1" DIA	HYDRO	CODE CLARIF	NOT PROVIDING SAFETY-RELATED FUNCTIO		ALL SAFETY-RELATED	REJ	CODE DOES NOT EXEMPT HYDRO BECAUSE OF PIPE SIZE		
B.1.1		CALIBRATION BLOCKS		CAL BLOCK	RELIEF FROM NOTCHES, MAT'L, DIA, TH K, SC		USE EXISTING BLKS	REJ	LICENSEE SHOULD OBTAIN APPROPRIATE CALIBRATION STANDARD		

DWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
8.1.6		WLD REFERENCE SYSTEM			ACCESS, ALARA RELIEF FROM MARKING WELDS		REFERENCE TO COMPON L/ACC		MARK WLDs AS ISI IS PERFORMED		
2.1.5	B-H	RPV INR-WLD ATTACHMENTS	UT OR SUR				UT EXT POS		SER 9/86	GRANTED	AREA A-B FIG. INB-2500-13, 100% SUR, UT EXT POS
2.1.6	B-F	RPV NZL-TO-SAFE END WLDs	SUR			14	REMOTE VT & LK @ HY		SER 9/86	GRANTED	
2.1.9	B-D	CRD PR RET WLDs	UT OR SUR				VT @ HYDRO		SER 9/86	NOT REQ'D	COMPONENTS MEET EXEMPTION REQUIREMENTS INB-5000
2.1.8	B-L-2	PMP CASING INTERNAL SURFACES	VT-3				VT @ HYDRO		SER 9/86	L/GRANTED	PROVIDED VT EXAM WHEN ANY PUMP IS DISASSEMBLED
2.1.8a	B-M-2	VALVE BODIES >4" INT SUR	VT-3				VT @ HYDRO		SER 9/86	L/GRANTED	PROVIDED VT EXAM WHEN ANY VALVE IS DISASSEMBLED
3.1.1	C-A	RHR HX SHELL & HEAD WLDs	UT				EXT POS, SUR EXCEPT		SER 9/86	GRANTED	ALSO, VT @ HYDRO
3.1.3	C-B	PR RET PMP CASING WLDs	SUR				VT @ DIS'M & HYDRO		SER 9/86	GRANTED	CORE SPRAY & RHR PUMPS
2.1.4	ARTICLE 5, SEC	AUSTENITIC & DISS MTL WLDs	UT		EXAM TO APPENDIX III		APPENDIX III		SER 9/86	NOT REQ'D	AUSTENITIC & DISSIMILAR MTL PIPING WLDs
8.1.4	SUBSECTION IWE						NONE		SER 9/86	NOT REQ'D	10 CFR 50 DOES NOT IMPOSE REQ OF IWE
5.1.1	F-C	SPRING SUPPORTS, SNUBBERS			PROPER HOT OR COLD POSITION		VT		SER 9/86	GRANTED	VT TO VERIFY INDICATOR IN OPERATIONAL RANGE
5.1.2		SNUBBERS >=50 KIPS					FUNC TEST OF TECH S		SER 9/86	NOT REQ'D	IF LICENSEE ENSURES 10% <50 KIPS ARE EXAMINED
5.1.2a		SNUBBERS <50 KIPS			10% TESTED EACH INSPECTION PERIOD		FUNC TEST OF TECH S		SER 9/86	NOT REQ'D	IF LICENSEE ENSURES 10% <50 KIPS ARE EXAMINED
8.1.2		INSPECTION INTERVALS			INSPECTION INTERVALS EACH 10 YEARS		MOVE HATCH 2 AHEAD		SER 9/86	GRANTED	MOVE HATCH 2 AHEAD 40
8.1.3		REPORTING PROCEDURAL CHANGES					@ ISI PLAN UPDATE		SER 9/86	L/GRANTED	NO-COMMON INTERVAL W/HATCH 1 IF EXAMS RESULTING FROM CHANGE PERFORMED BEFORE INT
PLANT AC, DWR-BE 14 RELIEF REQUESTS											
3.1.1.1	ISI-1, S-83 B-A	9/87 RR, 11/87 TER SHELL-TO-FLANGE WLD	UT	ACCESS	OBSTRUCTIONS	1	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
3.1.1.1a	B-A	HEAD-TO-FLANGE WLD	SUR, UT	GEOM	FLANGE CONFIG	1	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
3.1.1.2	B-A	SHELL WLDs	UT	ACCESS	NOZZLES, SUPPORT SKIRT, PADS	20	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
3.1.1.3	B-A	HEAD WLDs	UT	ACCESS	SUPPORT SKIRT ATTACHMENT	17	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
3.1.1.4	B-D	RPV NOZZLE-TO-VESSEL WLDs	UT	ACCESS	OBSTRUCTIONS	34	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
3.1.1.5	B-D	RPV NOZZLE INSIDE RADIUS	UT	GEOM	NOZZLE CONFIG	4	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		
3.1.1.6	B-G-1	RPV FLANGE LIGAMENTS	UT	GEOM	TRANSITION AT SEAL SURFACE CLAD	NOT AVL	EXTENT POS	ACC	LIMITED UT AND REQ PR TEST ACCEPTABLE		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
3.1.1.7	B-H	RPN STABILIZER BRACKET WLDS	SUR OR UT	ACCESS	PERMANENT SUPPORT BRACKETS	5	EXTENT POS	ACC	ALT EXAM ACCEPTABLE		
3.1.4.1	B-J	PR RET WLDS >=4"NPS	SUR, UT	GEOM	WLD CONFIB	7	EXTENT POS	ACC	LIMITED UT & REQ PR TEST & SUR ACCEPTABLE		
3.1.4.2	B-J	BRANCH CONN WLDS >=4"NPS	SUR, UT	GEOM	WLD CONFIB	2	EXTENT POS	ACC	LIMITED UT & REQ PR TEST & SUR ACCEPTABLE		
3.1.4.3	B-K-1	INR-WLD ATTACHMENTS	SUR OR UT	ACCESS	OBSTRUCTION	1	EXTENT POS	ACC	ALT EXAM ACCEPTABLE		
3.2.1.1	C-B	NOZZLE INSIDE RADIUS	UT	GEOM	NOZZLE CONFIB	1	EXTENT POS	ACC	ALT EXAM ACCEPTABLE		
3.2.3.1	C-B	PUMP CASING WLDS	SUR	ACCESS	EMBEDDED OR PARTIALLY IN CONCRETE	6	EXTENT POS	ACC	ALT EXAM ACCEPTABLE		
3.5.3.1	F-C	SNUBBERS	VT-3, VT-4	EXAMINATION	RR REQUIREMENTS OF CODE	NOT AVL	TECH SPEC 3/4.7.5	ACC	ALT EXAM ACCEPTABLE-VT ONLY		
1.A.1	ISI-2, S-75 B-A	3/82 RR, 6/82 TER RV LONG & CIRC WLDS	B/82 SER UT	ACCESS	PLANT AD, BWR-AC 12 RELIEF REQUESTS SHIELD WALL	7	NONE	L/ACC	INCREASE EXAM OF ACCESSIBLE B-B WLDS-VT AT HYDRO	L/GRANTED	GRANTED IF PROPOSED ALT EXAM IS PERFORMED
1.A.1a	B-B	RV HEAD @ SHELL WLDS	UT	ACCESS	EXTERNAL THERMAL SHIELD	9	NONE	L/ACC	INCREASE EXAM OF ACCESSIBLE B-B WLDS-VT AT HYDRO	L/GRANTED	GRANTED IF PROPOSED ALT EXAM IS PERFORMED
1.A.2	B-D	RV RECIRC @ BLOWDOWN NZLS	UT	ALARA	1100 TO 1200 MR/HR	NOT AVL	NONE	L/ACC	VT @ HYDRO	GRANTED	
1.A.3	B-E	PARTIAL PENETRATION WLDS	VT	ACCESS	INSIDE RV-OUTSIDE SHIELD WALL	NOT AVL	NONE	L/ACC	GENERAL VT FOR LEAKAGE DURING HYDRO	GRANTED	
1.A.4	B-H	INR-WLD SUPPORTS	UT	ALARA	1R/HR-EXCESSIVE PERSONAL EXP	NOT AVL	SUR ACCESS WLDS	L/ACC	ALT EXAM	GRANTED	
1.A.5	B.I.1	RV CLADDING	VT	ALARA	NO QUANTITATIVE FIGURES	12	NONE	NONE	APPROVAL TO UPDATE S7B-DELETES REQUIREMENT	GRANTED	ALT OF VT IN SER-B1.13 ALSO GRANTED IN SER
1.D.1	B-F	DIS'M METAL SOCKET WLDS	SUR, UT	GEOM	UT NOT MEANINGFUL	NOT AVL	ONLY SUR	L/ACC	ALT EXAM	GRANTED	
1.D.2	B-J	PIPING WELDS	UT	ACCESS	SHIELD WALL & SUPPORT RING	NOT AVL	NONE	L/ACC	VT @ HYDRO	GRANTED	ALT EXAM OF VT IN SER
1.D.3	B-J	PIPING WELDS	UT	ACCESS	INSIDE PIPE CHASE CAVITY	4	NONE	L/ACC	EXAM @ MAINTENANCE-VT @ HYDRO	GRANTED	
1.D.4	B-K-1	INR-WLD ATTACHMENT	UT	ACCESS	INSIDE PIPE CHASE CAVITY	1	NONE	L/ACC	EXAM @ MAINTENANCE-VT @ HYDRO	GRANTED	
1.D.5	B-K-1	INR-WLD ATTACHMENT	UT	GEOM	CONFIG OF FILLET WLDS	NOT AVL	SUR	L/ACC	ALT EXAM	GRANTED	
IV.1	IWD-5200	PRESSURE TESTS	HYDRO	TEST COND	RR FILLING TANK TO CAPACITY	1	INSERVICE TEST	L/ACC	VT @ NORMAL OPERATING LEVEL	GRANTED	
REV 3 2.4.1	ISI-1, W-81 B-A	B/87 RR, 12/87 TER RPV CIRC SHELL WLDS	UT	ACCESS	PLANT BB, BWR-BE 17 RELIEF REQUESTS RPV NZLS & BIOLOGICAL SHIELD	2	NONE	ACC	SIGNIFICANT PORTION OF EXAMINATION WILL BE DONE		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
2.4.2	B-A	RPV LONG SHELL WLDS	UT	ACCESS	RPV NZLS & BIOLOGICAL SHIELD	4	NONE	ACC	LIMITED EXAM & SAMPLING OTHER WLDS ENSURES INTEGRITY		
2.4.3	B-A	RPV SHELL-TO-FLANGE WLD	UT	ACCESS	THERMOCOUPLES WELDED 1 IN SCAN PATH	1	NONE	ACC	98.2% OF EXAMINATION WILL BE DONE		
2.4.4	B-D	RPV NZL-TO-VSL WLDS	UT	GEOM	NOZZLE CONFIGURATION	4	NONE	ACC	SIGNIFICANT PORTION OF EXAMINATION WILL BE DONE		
2.7.1	B-F	DISSIMILAR METAL WLDS >=4"NPS	SUR,UT	GEOM	JOINT CONFG/COMPONENT DESIGN	5	NONE	ACC	SIGNIFICANT PORTION OF EXAMINATION WILL BE DONE & VT-2		
2.7.2	B-J	PR RET CIRC WLDS NPS >=4"	SUR,UT	GEOM	JOINT CONFG/COMPONENT DESIGN	2	NONE	ACC	SIGNIFICANT PORTION OF EXAMINATION WILL BE DONE & VT-2		
2.7.3	B-K-1	INR-WLD ATTACHMENTS	SUR OR UT	ACCESS	ADJACENT PIPE CLAMPS	4	NONE	ACC	LIMITED EXAMINATION ENSURES INTEGRITY		
3.1.1	B-J	PR RET WLDS-AUGMENTED EXAMS	UT	GEOM	JOINT CONFG/COMPONENT DESIGN	15	NONE	ACC	SIGNIFICANT PORTION & SUR EXAM & VT-2 ENSURES INTEGRITY		
2.13.1	B-M-2	VALVE BODIES	VT-3	DAMAGE/ALARA	VALVE DAMAGE--NOT QUANTITATIVE	NOT AVL	VT-3 @ DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
3.4.1	C-A	RHR HX CIRC SHELL WLD	UT	ACCESS	HX BOLTING PROTRUDING THROUGH FLANGE	1	NONE	ACC	LIMITED EXAM & REQ PR TEST ENSURES INTEGRITY		
3.4.2	C-B	RHR HX NZL WLD	SUR,UT	ACCESS	SOCK-O-LETS WELDED IN SCAN PATH	1	NONE	ACC	SIGNIFICANT PORTION OF EXAMINATION WILL BE DONE		
3.4.3	C-C	RHR HX INR-WLD ATTACHMENTS	SUR	ACCESS	TIE-DOWN ANCHOR PLATES	8	EXTENT POS	ACC	LIMITED EXAM ENSURES INTEGRITY		
3.7.1	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS	PIPE CLAMPS/BUILDING STRUCTURES	23	NONE	ACC	LIMITED EXAM ENSURES INTEGRITY		
3.1.1	C-F	PR RET WLDS-AUGMENTED EXAMS	UT	GEOM	JOINT CONFG/COMPONENT DESIGN	5	NONE	ACC	SIGNIFICANT PORTION & SUR EXAM & VT-2 ENSURES INTEGRITY		
3.10.1	C-B	PMP CASING WLDS	SUR	ACCESS/ALARA	ENCASED IN CONCRETE/IR PER HR.	8	NONE	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
3.10.2	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS	OBSTRUCTED BY SUPPORTING PLATES	4	SUR @ DIS'M	ACC	SIGNIFICANT PORTION & SAMPLING ENSURES INTEGRITY		
6.4.1	F-C	MECHANICAL SNUBBERS	VT-3,VT-4	EXAMINATION	TECH SPEC EXCEEDS CODE	NOT AVL	TECH SPEC & CODE	ACC	TECH SPEC & CODE EXAM ENSURES INTEGRITY		
01	ISI-1, S-75 B-A	7/82 RR, 9/82 TER RV PR RETAINING WLDS	UT	ACCESS	PLANT B, BWR-GE 13 RELIEF REQUESTS INSULATION AND SHIELD WALL	NOT AVL	VT	L/ACC	VT ACCESSIBLE WLDS, VT @ HYDRO & LK TEST		
02	B-B	RV SHELL WLDS	UT	ACCESS	INSULATION AND SHIELD WALL	NOT AVL	VT	L/ACC	UT & VT ACCESSIBLE WLDS, VT @ HYDRO & LK TEST		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
04	B-B-1	RV BOLTING	SUR, UT	ACCESS	PARKERIZED (CORROSION TREATMENT)	NOT AVL	VT	L/ACC	PROVIDED ALT EXAM IS PERFORMED (BAD REVIEW-MT OR ET)		
09	B-M-1	RV ATTACHMENTS	VT	ACCESS	WELDED TO RPV WALL	NOT AVL	NONE	REJ	NOT IMPRACTICAL-REQ ONCE AN INTERVAL		
06	B-K-1	SUPPORTS	UT	GEOM	FILLET WLDS	NOT AVL	PT OR VT	REJ	APPROVAL SHOULD BE GRANTED TO UPDATE TO S78		
06a	B-K-1	SUPPORTS	UT	GEOM	FILLET WLDS	NOT AVL	PT OR VT	REJ	APPROVAL SHOULD BE GRANTED TO UPDATE TO S78		
07	B-L-2	PUMP INTERNAL SURFACES	VT	ALARA	2.85 MAN-REM/PUMP	NOT AVL	VT & DIS'M	REJ	POSTPONED UNTIL EPR1 DECISION-ALT EXAM ACC		
06b	B-K-1	SUPPORTS	UT	GEOM	FILLET WLDS	NOT AVL	PT OR VT	REJ	APPROVAL SHOULD BE GRANTED TO UPDATE TO S78		
08	B-M-2	VALVE INTERNAL SURFACES	VT	ALARA	NO QUANTITATIVE FIGURES	NOT AVL	& MAINTENANCE	REJ	POSTPONED @ END OF INTERVAL-ALT EXAM ACC-VT PR TESTS		
010	C-B	NZL WLDS IN VESSELS	UT	GEOM	FILLET WLDS	6	PT	L/ACC	PROVIDED ALT EXAM IS PERFORMED, HYDRO TO IMC-5000		
011	C-E-1	SUPPORTS	SUR	ACCESS	SURFACE NOT PREPARED	NOT AVL	VT-1	REJ	NOT IMPRACTICAL-IF IMPOSSIBLE, SUBMIT SPECIFIC DATA		
011a	C-E-1	SUPPORTS	SUR	ACCESS	SURFACE NOT PREPARED	NOT AVL	VT-1	REJ	NOT IMPRACTICAL-IF IMPOSSIBLE, SUBMIT SPECIFIC DATA		
011b	C-E-1	SUPPORTS	SUR	ACCESS	SURFACE NOT PREPARED	NOT AVL	VT-1	REJ	NOT IMPRACTICAL-IF IMPOSSIBLE, SUBMIT SPECIFIC DATA		
PLANT B, BWR-GE									ADDITIONAL RR'S AS RESULT OF AUDIT-REF SAI 186-028-11		
111RR1	ISI-1, S-75 B-D	4/89 RR, 5/89 TER RPV NZL-TO-VSL WLDS	UT	ACCESS,ALARA	24 RELIEF REQUESTS ACCESS NOT PROVIDED FOR IN DESIGN	24	NONE	ACC	INCORPORATE NEW OR IMPROVED EXAM TECHNIQUES		
111RR2	B-D	CRD PR RET HOUSING WLDS	UT	ACCESS	LIMITATIONS OF DESIGN	4	50% OF ADD 4	ACC	ALT EXAM WILL MEET INTENT OF CODE		
111RR17	B-M	RPV INR-WLD SUPPORTS	UT	ACCESS,GEOM	DESIGN PRECLUDES MEANINGFUL UT EXAM	1	NONE	ACC	SURFACE, LEAKAGE & HYDRO WERE PERFORMED		
E-4	B-B-1	RPV CLOSURE STUDS NUTS	SUR	SURFACE	PARKERIZATION OF STUDS & NUTS		MT UNTHREADED PORT1	ACC	(REVISED 1983) INCLUDES ADDITIONAL SUR EXAMS		
111RR6	B-F	DISSIMILAR METAL WLDS	UT,SUR	ACCESS	INSIDE CONTAINMENT PENETRATION	1	NONE	REJ	DWG SHOWS WLD NOT INSIDE CONTAINMENT		
111RR11	AUGMENTED EXAM CLASS 1 PIPING WLDS		UT,SUR	GEOM,CAST SS	SOUND REDUCTION,ATTENUATION PHENOMEN	18	NONE	ACC	SHOULD CONTINUE TO MONITOR DEVELOPMENT OF NEW TECHNIQUE		
111RR11a	AUGMENTED EXAM CLASS 1 PIPING WLDS <4"NPS		SUR	GEOM,CAST SS	SOUND REDUCTION,ATTENUATION PHENOMEN	1	NONE	ACC	SHOULD CONTINUE TO MONITOR DEVELOPMENT OF NEW TECHNIQUE		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
PS1RR1	B-F	DISSIMILAR METAL WLDS >4"NPS UT,SUR		GEOM,CAST SS	SOUND REDUCTION,ATTENUATION PHENOMENON	1	NONE	ACC	REPLACEMENTS WERE RT, SUR ON AL ACCESS, HYDRO, LEAKAGE		
PS1RR1a	B-J	PR RET CIRC WLDS >4"NPS	UT,SUR	GEOM,CAST SS	SOUND REDUCTION,ATTENUATION PHENOMENON	7	NONE	ACC	REPLACEMENTS WERE RT, SUR ON AL ACCESS, HYDRO, LEAKAGE		
PS1RR2	B-J	PR RET ALTERED WLDS >4"NPS	UT,SUR	GEOM,CAST SS	RELIEF FROM SURFACE EXAM	19	NONE	REJ	LICENSEE HAS NOT DEMONSTRATED INFRACTIBILITY OF SUR		
PS1RR2a	B-J	PR RET ALTERED WLDS >4"NPS	UT,SUR	GEOM,CAST SS	RELIEF FROM 100% UT	6	NONE	ACC	AN ACCEPTABLE PERCENTAGE HAS BEEN PERFORMED		
111RR5	B-K-1	VALVE INTEGRAL ATTACHMENTS	UT OR SUR	ACCESS	ONE SIDE INSIDE CONTAINMENT	10	NONE	ACC	LIMITED SUR PROVIDES REASONABLE ASSURANCE OF INTEGRITY		
111RR8A	C-A	FW HI CIRC WLDS	UT	GEOM,ACCESS	OBSTRUCTIONS,WLD JOINT GEOM	2	NONE	REJ	A PARTIAL EXAM SHOULD BE PERFORMED		
111RR8B	C-B	FW HI NZL-TO-VSL WLDS	UT	GEOM,ACCESS	INSULATION,WLD JOINT GEOM	4	NONE	ACC	NT WAS PERFORMED-REASONABLE ASSURANCE OF INTEGRITY		
111RR9	C-F	CIRC PIPING WLDS <1/2" TK	SUR	GEOM	FITTING CONFIGURATION	1	NONE	ACC	SIGNIFICANT PERCENTAGE OF EXAM HAS BEEN PERFORMED		
111RR9a	C-F	CIRC PIPING WLDS >1/2" TK	UT,SUR	GEOM	FITTING CONFIGURATION	6	NONE	ACC	SIGNIFICANT PERCENTAGE OF EXAM HAS BEEN PERFORMED		
111RR12		AUGMENTED EXAM PIPING WLDS >1/2" WALL TK	UT,SUR	GEOM,CAST SS	FITTING CONFG,OBSTRUCTIONS	7	NONE	ACC	SIGNIFICANT PERCENTAGE OF EXAM HAS BEEN PERFORMED		
111RR10	C-F	PUMP CASING WLDS	UT	GEOM	WLD JOINTS & SURFACE CURVATURES		VT @ DIS'M	NONE	PROGRAM PLAN UPDATED TO W-81--RELIEF NOT REQUIRED		
111RR10a	C-B	PUMP CASING WLOS	SUR	ACCESS	ENCASED IN CONCRETE	6	VT @ DIS'M	ACC	PERFORMED SURFACE EXAM OF ACCESSIBLE WLDS		
111RR20	VT DURING HYDR RECIRC LOOP CLASS 1 PIPING		VT-2	EXAMINATION	VT-2 NOT DOCUMENTED		@ REFUELING	ACC	IMPRACTICAL TO RE-PERFORM HYDRO TO DOCUMENT VT-2		
111RR16	HYDRO	CRD CLASS 2 PIPING	HYDRO	TEST CONDITI	PRESSURE 1.25 TIMES DESIGN PRESSURE		FUNCTIONAL & LEAK T	ACC	UNISOLATABLE FROM RPV AND PORTIONS OF CLASS 1 PIPING		
111RR25	HYDRO	RCS PIPING	HYDRO	TEST CONDITI	POTENTIAL FOR DAMAGE		TEST @ REFUELING	ACC	MOTOR & BEARING COOLERS COULD BE DAMAGED		
111RR21	TEST PRESSURE	NITROGEN PURGE CLASS 3 PIPING	HYDRO	DAMAGE,TEST	DAMAGE TO RUPTURE DISKS		FUNC @ '86 REFUEL	ACC	DAMAGE TO NITROGEN STORAGE DISKS WOULD RESULT		
111RR24	HYDRO	CRD PIPING CLASS 3 HYDRO	HYDRO	DAMAGE,TEST	DAMAGE TO COOLERS		@ REFUELING	ACC			
REV-0	ISI-1, S-B3	2/88 RR, 7/88 TER			PLANT 8A, BWR-GE						
RR-1WB-1	B-D	CRD HOUSING WLDS	SUR OR UT	ACCESS	34 RELIEF REQUESTS INHERENT OBSTRUCTIONS	8	EXAM 5 MORE WLDS	ACC	ALT ENSURES INTEGRITY		
RR-1WB-2	B-D	RPV NZL-TO-VSL WLDS	UT	GEOM, ACCESS	DESIGN & OBSTRUCTIONS	23	EXTENT POS, VT-1	ACC	ALT ENSURES INTEGRITY		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
RR-IWB-3	B-A	PR RET SHELL WLDS	UT	GEOM, ACCESS	DESIGN OBSTRUCTIONS	13	EXTENT POS	ACC	ALT, REQ LK & HYDRO ENSURES INTEGRITY		
RR-IWB-7	B-A	RPV HEAD WLDS	UT	ACCESS	CRD PENETRATIONS, SUPPORT SKIRT	8	EXTENT POS	ACC	ALT, REQ LK & HYDRO ENSURES INTEGRITY		
RR-IWB-7a	B-A	HEAD-TO-FLANGE WLD	SUR,UT	GEOM	FLANGE CONFIGURATION	1	EXTENT POS	ACC	ALT, REQ SUR, LK & HYDRO ENSURES INTEGRITY		
RR-IWB-13	B-G-1	RPV CLOSURE HD NUTS	SUR	SURFACE	PARKERIZED	NOT AVL	VT-1 @ REMOVAL	REJ	PROVIDE TECHNICAL JUSTIFICATION MT CAN T BE DONE		
RR-IWB-13a	B-G-1	RPV CLOSURE HD STUDS	SUR,UT	SURFACE	PARKERIZED	NOT AVL	VT-1 @ REMOVAL	REJ	PROVIDE TECHNICAL JUSTIFICATION MT CAN T BE DONE		
RR-IWB-4	B-K-1	INR-WLD ATTACHMENTS	SUR OR UT	ACCESS	PERMANENT INTERFERENCES	65	EXTENT POS	ACC	LIMITED EXAM ENSURES INTEGRITY		
RR-IWB-5	B-F	NZL-TO-SAFE END WLD NPS >=4"	SUR,UT	ACCESS	PERMANENT INTERFERENCES	4	EXTENT POS	ACC	ALT, REQ SUR, LK & HYDRO ENSURES INTEGRITY		
RR-IWB-5a	B-J	PR RET CIRC WLDS NPS >=4"	SUR,UT	ACCESS	PERMANENT INTERFERENCES	1	EXTENT POS	ACC	ALT, REQ SUR, LK & HYDRO ENSURES INTEGRITY		
RR-IWB-6	B-J	PR RET WLDS NPS >=4"	SUR,UT	GEOM	FITTING CONFB & SYSTEM DESIGN	8	NONE	ACC	ONE-SIDED SCANS, REQ SUR, LK & HYDRO ENSURES INTEGRITY		
RR-IWB-6a	B-J	PIPE-TO-SWEEPOLET NPS >=4"	SUR,UT	GEOM	FITTING CONFB & SYSTEM DESIGN	4	NONE	REJ	MAY BE ABLE TO PERFORM CODE-REQ UT		
RR-IWB-8	B-F	RPV NZL-TO-SAFE END WLD	SUR,UT	SURFACE	AUSTENITIC WLD OVERLAYS	2	EXTENT POS	ACC	ALT, REQ SUR, LK & HYDRO ENSURES INTEGRITY		
RR-IWB-8a	B-J	PR RET WLDS NPS >=4"	SUR,UT	SURFACE	AUSTENITIC WLD OVERLAYS	1	EXTENT POS	ACC	ALT, REQ SUR, LK & HYDRO ENSURES INTEGRITY		
RR-IWB-9	B-F	NZL-TO-SAFE END WLDS NPS >=4"	SUR,UT	ACCESS	OBSTRUCTIONS	23	EXTENT POS	ACC	ALT, REQ SUR, LK & HYDRO ENSURES INTEGRITY		
RR-IWB-10	B-J	CIRC PR RET WLDS NPS >=4"	SUR,UT	GEOM,SURFACE	SYSTEM DESIGN & WELD 3 OVERLAY	3	EXTENT POS	ACC	ALT, REQ SUR, LK & HYDRO ENSURES INTEGRITY		
RR-IWB-11	B-L-2	PMP CASING INTERNAL SURFACE	VT-3	DAMAGE,ALARA	PMP DAMAGE, 50 MAN-REM EXPOSURE	2	VT-3 @ DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-IWB-5	B-M-1	VALVE BODY WLDS NPS >=4"	UT	ACCESS	PERMANENT INTERFERENCES	1	EXTENT POS	ACC	ALT, REQ SUR, LK & HYDRO ENSURES INTEGRITY		
RR-IWB-12	B-M-2	VALVE INTERNAL SURFACES	VT-3	ALARA,DAMAGE	NOT QUANTITATIVE--VALVE DAMAGE	NOT AVL	VT-3 @ DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-IWC-5	C-A	CIRC SHELL WLDS	UT	ACCESS	PERMANENT INTERFERENCES	1	EXTENT POS	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-IWC-5a	C-A	CIRC HEAD WLDS	UT	ACCESS	PERMANENT INTERFERENCES	1	EXTENT POS	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-IWC-5b	C-B	NZL-TO-SHELL WLDS	SUR,UT	ACCESS	PERMANENT INTERFERENCES	2	EXTENT POS	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
RR-1WC-5c	C-B	NZL INSIDE RADIUS	UT	ACCESS	PERMANENT INTERFERENCES	1	EXTENT POS	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-1WC-2	C-F-1	PR RET WLDS	SUR,UT	ACCESS	UNDER WATER IN SUPPRESSION POOL	19	ACCESS C-F-1 WLDS	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-1WC-3	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS	LOCATED IN SUPPRESSION POOL	2	NONE	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-1WC-4	C-C	CRO SYS INR-WLD ATTACHMENTS	SUR	ACCESS	PERMANENT INTERFERENCES	144	EXTENT POS	ACC	MAJOR REDESIGN & MODIFICATION REQUIRED		
RR-1WC-5d	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS	PERMANENT INTERFERENCES	12	EXTENT POS	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-1WC-5e	C-F-1	CIRC PR RET WLDS MPS >4" SST	SUR,UT	ACCESS	PERMANENT INTERFERENCES	2	EXTENT POS	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-1WC-5f	C-F-2	PR RET WLDS MPS >4" CARBON ST	SUR,UT	ACCESS	PERMANENT INTERFERENCES	1	EXTENT POS	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-1WC-1	C-C	INR-WLD ATTACHMENTS	SUR	ACCESS	INSTALLED IN CONCRETE	8	0 DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-1WC-1a	C-B	PR RET PMP CASING WLDS	SUR	ACCESS	INSTALLED IN CONCRETE	25	0 DIS'M	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-1WC-5g	C-B	VALVE BODY WLDS	SUR	ACCESS	PERMANENT INTERFERENCES	4	EXTENT POS	ACC	HARDSHIP WITHOUT INCREASE OF QUALITY & SAFETY		
RR-1WD-1		INR-WLD ATTS & SUPPORTS	VT-3	CODE CLARIF	EXEMPTED COMPONENTS	NOT AVL	NONE	ACC	BEYOND LAST SHUTOFF VALVE--DOES NOT CONTAIN WATER		
RR-1WF-1	F-C	SUPPORTS	VT-4	CODE CLARIF	COMBINE VT-3 & VT-4	NOT AVL	VT-3 & VT-4	ACC	HAVE BEEN COMBINED IN 83-W84 CODE-MORE CLEARLY DEFINED		
PLANT A, BWR-BE											
11.B.1	ISI-2, S-75	9/82 RR, 9/82 TER			15 RELIEF REQUESTS						
11.B.1	C-E-1	INR-WLD PIPE SUPPORTS	SUR	ACCESS	OBSTRUCTIONS, ALARA	5	NONE	REJ	NOT JUSTIFIED		
11.B.1a	C-E-2	SUPPORT COMPONENTS	VT	ACCESS	OBSTRUCTIONS, ALARA	5	NONE	REJ	NOT JUSTIFIED		
11.B.2	IWC-1220	STATIC SYSTEMS	HYDRO	TEST COND	CONTINUOUS LEAK CHECKS	NOT AVL	REQ'D HYDRO	REJ	COMBINED EXEMPTIONS FROM DIFFERENT CODES		
IV.A.1	IWA-5000	PRESSURE TESTS	HYDRO	CODE UPDATE	REQUEST TO USE W-81	NOT AVL	EXAM TO W-81	L/ACC	APPROVAL SHOULD BE GRANTED TO UPDATE W-80,NOT W-81		
IV.A.1a	IWB-5000	PRESSURE TESTS	HYDRO	CODE UPDATE	REQUEST TO USE W-81	NOT AVL	EXAM TO W-81	L/ACC	APPROVAL SHOULD BE GRANTED TO UPDATE W-80,NOT W-81		
IV.A.1b	IWC-5000	PRESSURE TESTS	HYDRO	CODE UPDATE	REQUEST TO USE W-81	NOT AVL	EXAM TO W-81	L/ACC	APPROVAL SHOULD BE GRANTED TO UPDATE W-80,NOT W-81		
I.A.1	B-B	RV PR RET WLDS	UT	ACCESS	BIOLOGICAL SHIELD WALL	NOT AVL	REQ'D HYDRO	L/ACC	ALL ACCESS PART, MAT'L SURVEILLANCE CAPSULE	ISI-2	S-75
I.A.2	B-D	NZL-TO-VSL,INSIDE RADIUS	UT	ACCESS	BIOLOGICAL SHIELD WALL	11	REQ'D HYDRO	L/ACC	ALT EXAM		
I.A.3	B-F	NOZZLE-TO-SAFE END WLDS	SUR, UT	GEOM	JOINT CONFIG,SUR CONDITION	13	REQ'D HYDRO	L/ACC	REMAINING B-F WLDS EXAMINED		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
I.A.4	B-I-1	VSL, CLOSURE HD CLAD	VT, SUR	CODE UPDATE	NOT PR RETAINING COMPONENT	1	NONE	ACC	CONSIDER UPDATE TO S-78		
I.D.1	B-F	DISSIMILAR METAL WELDS	SUR, UT	ACCESS	ACCESS ON ONE SIDE ONLY	4	EXAM 1 SIDE	NONE	NOT NECESSARY, ARTICLE III-4420		
I.D.2	B-J	PIPING WELDS	UT	ACCESS	COMPLETELY INACCESSIBLE	17	REQ'D HYDRO	L/ACC	UT 1ST PR BOUNDRY OUTSIDE CONTAINMENT		
I.D.3	B-J	PIPING WELDS	UT	ACCESS	OBSTRUCTIONS, ALARA	NOT AVL	REQ'D HYDRO	NONE	RELIEF NOT NECESSARY		
I.D.3a	B-K-1	INR-WLD ATTACHMENTS	UT	ACCESS	OBSTRUCTIONS, ALARA	NOT AVL	REQ'D HYDRO	NONE	RELIEF NOT NECESSARY		
V.A.1		UT EXAMINATION	UT	CODE UPDATE	REQUEST TO USE S-78	NOT AVL	EXAM TO S-78	ACC	UPDATE TO S-78, IMPROVES UT PROGRAM		
PLANT E, BWR-BE											
2.4.1	ISI-2, W-B1 B-A	3/85 RR, 9/85 TER RPC CIRC & LONG WELDS	UT	ACCESS	14 RELIEF REQUESTS LIM SPACE	2	MAX POS	L/ACC	EXAM TO S-75, VT-2 DURING PR TESTS	ISI-2	W-B1
2.4.10	B-K-1	INTEGRAL ATTACHMENTS	SUR OR UT	ALARA	UNNECESSARY RAD EXP	138	ACCES AREAS	L/ACC	ALT EXAM, THOSE ACCESS DURING MAINTENANCE		
2.4.11	B-K-1	INR-WLD PIPE SUPPORTS	SUR OR UT	ACCESS	LIMITED SPACE	57	EXAM @ DISS	L/ACC	EXAM THOSE ACCESS DURING MAINTENANCE		
2.4.2.2	B-L-1	RECIRC PUMP CASING WLDs	UT	CAST SST	SST CASTINGS	1	SUR	L/ACC	SUR & UT OR RT W/MINAC WHEN DISASSEMBLED		
2.4.2.5	B-L-2	RECIRC PUMP INT SUR	VT-3	ALARA	100-500 MAN-REM EXP	1	VT@DIS'N,UT	L/ACC	ALT EXAM		
2.4.3	B-M-2	VALVES >4" NPS INT SUR	VT-3	ALARA	UNNECESSARY EXPOSURE	1	VT@DIS'N,UT	L/ACC	ALT EXAM		
2.4.4	IWB-5222	SYSTEM HYDRO	HYDRO	TEST COND	NO INTEGRITY W/VALVES REMOVED	1	ALT P&T	ACC			
2.4.5	B-J	CIRC PIPE WELDS	SUR, UT	ACCESS	INSIDE CONTAINMENT	4	VT @ HYDRO	L/ACC	UT, SUR 1ST PR BNDRY OUTSD CNT & ALT EXAM		
2.4.6	B-J	CIRC, LONG WLDs 4"NPS & >	SUR, UT	ACCESS	OBST BY ADJ COMPONENTS	37	ACCES AREAS	L/ACC	ALT EXAM & INCREASE @ OF WLDs		
2.4.8	B-J	LONG WLDs >4"NPS	SUR, UT	ACCESS	DES CONFIG, OBSTRUCTIONS	6	EXTENT POS	L/ACC	EFFORT TO USE NEW UT EQUIP OR MINAC		
2.4.9	B-K-1	INR-WLD PIPE SUPPORTS	SUR OR UT	ACCESS	OBSTRUCTIONS	33	EXAM @ DISS	L/ACC	EXAM THOSE ACCESS DURING MAINTENANCE		
4.4.1	N/A	SYSTEM HYDRO	HYDRO	TEST COND	BEYOND PUMP PR CAPABILITY	3	LOWER PR	L/ACC	ALT EXAM		
5.3.1	F-C	SHOCK SUPPRESSORS	VT-4	EXAMINATION	ONGOING INSP EXCEEDS NOT AVL CODE REQ'S		TECH'L SPEC	ACC	INSPC DESCRIBES IN TECH'L SPEC HAS NRC APPROVAL		
2.4.7	B-J	CIRC, LONG WLDs 4"NPS & >	SUR, UT	BEDM	MATL, CONSTRAINTS, DES 3 IGN		NONE	L/ACC	EFFORT TO USE NEW UT EQUIP OR MINAC		
PLANT H, BWR-BE											
01	ISI-1, S-75 B-6-1	5/82 RR, 9/82 TER RV CLOSURE BUSHINGS	VT	ALARA	22 RELIEF REQUESTS NEEDLESS RAD EXP	NOT AVL	EXAM @ REFL	NONE	RELIEF NOT REQUIRED		

BWR 151 RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
03	B-K-1	RV CLAD SURFACES	VT,SUR,UT	ALARA	NEEDLESS RAD EXP	NOT AVL	NONE	NONE	UPDATE TO S-78 TO DELETE REQUIREMENT		
04	IWA-5000	PRESSURE TESTS	HYDRD	CODE UPDATE	MORE DEFINITIVE CODE	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED		
06	N/A	CAL BLK DESIGN		CAL BLOCK	RELIEF FROM MACHINED NOTCHES		USE SDH	ACC	CAN USE BLOCK WITH SIDE DRILLED HOLES		
07	B-M-2	VALVES >4" NPS INT SUR	VT	ALARA	DISPROPORTIONATE RAD EXP	NOT AVL	EXAM @ DIS'M	REJ	NOT ENOUGH JUSTIFICATION		
08	B-L-2	RECIRC PUMP INT SUR	VT	ALARA	50 MAN-REM/PUMP EXP	1	EXAM @ DIS'M	REJ	NEED MORE TECHNICAL INFORMATION		
09	B-G-1	PR RET BLTING 2" <	VT,SUR,UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
09a	B-G-2	PR RET BLTING <2"	VT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
09b	C-D	PR RET BLTING >1"	VT, SUR OR UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
10	B-L-1	PR RET WLD-PUMP CASING	UT	GEOM	HEAVY WALL-CAST SST	2	REQ'D HYDRO	REJ	NOT ENOUGH INFORMATION		
11.A.1	C-D	PR VESSEL BLTING	SUR, UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
11.B.1	C-D	PR RET PIPE BLTING	SUR, UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
11.C.1	C-D	PUMP PR BOUNDARY BLTING	SUR, UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
11.D.1	C-D	VAL PR RET BLTING <2"	VT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
11.E.1	B-G-1	HX BOLTING	SUR, UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
11.D.1	B-G.1	PIPE PR BOUNDARY BLTING	SUR, UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
11.D.2	B-J	PR RET WELDS IN PIPING	UT	ACCESS	CONSTRAINTS	17	REQ'D HYDRO	L/ACC	UT 1ST PR BOUNDARY WLD OUTSIDE CNT, EA PIPE		
11.E.1	B-G-1	PUMP PR BOUNDARY BLTING	SUR, UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
11.F.1	B-G-1	VAL PR BOUNDARY BLTING	SUR, UT	CODE UPDATE	ELIMINATES SOME EXAMS	NOT AVL	NONE	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
V.A.2	IWA-2232	UT EXAMINATION	UT	CODE UPDATE	REQUEST TO USE S-78		EXAM TO S-78	L/ACC	UPDATE TO S-78, CRACKS 20% OR > EVALUATED		
V.B.1	IWB-1220	EXEMPTED COMPONENTS		CODE CLARIF	EXEMPT 3" <, REACTOR COOLANT	NOT AVL	NONE	ACC			
V.B.2	IWC-1220	EXEMPTED COMPONENTS	SUR, UT	EXAMINATION	RHR & ECCS WELDS	NOT AVL	NONE	REJ	SHOULD INCLUDE REPRESENTATIVE SAMPLE OF WLDs		
PRR-4	ISI-2, W-80 B-A	6/84 RR, 5/85 TER RV BELTLINE WLDs	UT	ACCESS	10 RELIEF REQUESTS DESIGNED BEFORE SEC XI	NOT AVL	EXAM TO 74S75	L/ACC	ALT EXAM, VT @ PRESSURE TESTS		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
PRR-5	B-A	RV BOTTOM HEAD WLDS	UT	ACCESS	CONFIG VESSEL SUPPORT SKIRT	NOT AVL	UT FROM 1 SIDE	ACC	ALT EXAM PROVIDES RELIABILITY		
PRR-9	B-D	NZL-TO-VESSEL WLDS	UT	ACCESS	RV INSULATION/BIOLOGICAL SHIELD	21	EXT POS	L/ACC	ALT EXAM, DETERMINE OTHER LIMITATIONS		
PRR-1	B-J	PIPING WLDS >4"NPS (74575)	SUR, UT	ACCESS	DESIGNED BEFORE SEC 1	0	VT @ HYDRO	L/ACC	1ST PR BND WLD OUTSIDE, ALT EXAM TO INB-5000		
PRR-1a	B-J	PIPING WLDS <4"NPS (74575)	SUR	ACCESS	DESIGNED BEFORE SEC 2	2	VT @ HYDRO	L/ACC	1ST PR BND WLD OUTSIDE, ALT EXAM TO INB-5000		
PRR-6	B-J	PIPING WELDS	SUR	ALARA	EXP WHILE PREPARING SURFACE	NOT AVL	UT	REJ	CODE EXAM NOT IMPRACTICAL		
PRR-2	B-L-2	RC PUMP INTERNAL SURFACES	VT-1	ALARA	50 MAN-REM EXP-1000 MAN HRS.	NOT AVL	VT @ DIS'M	ACC	ALT EXAM		
PRR-3	B-M-2	VALVE BODY INTERNALS	VT-3	ALARA	10 R/HR DOSE RATE	56	3 EA INTERVAL DIS'M	ACC	ALT EXAM ALSO INCLUDED OTHER DIS'M VALVES		
PRR-6a	C-F	PIPING WELDS	SUR, UT	ALARA	EXP WHILE PREPARING SUR	NOT AVL	UT	REJ	CODE EXAM NOT IMPRACTICAL		
PRR-7	C-F	PIPING WELDS	SUR	EXAMINATION	NO HIGH TEMP OR PR-NORMALLY DRY PLANT H, BWR-GE	NOT AVL	NONE	L/ACC	REQ PR AND VALVE TESTS		
REV-3	ISI-2, W-80	4/88 RR, 5/88 TER			19 RELIEF REQUESTS						
PRR-4	B-A	RPV BELTLINE WLDS				NOT AVL		ACC	IN REV. 1	ACC	8/85 SER
PRR-5	B-A	RPV BOTTOM HD WLDS				NOT AVL		ACC		ACC	8/85 SER
PRR-9	B-D	RPV NZL-TO-VSL WLD				NOT AVL		L/ACC		L/ACC	3/87 SER
PRR-9	B-D	RPV INSIDE RADIUS				NOT AVL		L/ACC		L/ACC	3/87 SER
PRR-1	B-J	PR RET WLDS >4" NPS	SUR, UT	ACCESS		17 IN ALL	1ST WLD OUTSD, VT-3	ACC	ALT ENSURES INTEGRITY		
PRR-1a	B-J	PR RET WLDS <4" NPS	SUR	ACCESS		" "	1ST WLD OUTSD, VT-3	ACC	ALT ENSURES INTEGRITY		
PRR-1b	B-K-1	INR-WLD ATTACHMENTS	SUR OR UT	ACCESS		" "	1ST WLD OUTSD, VT-3	ACC	ALT ENSURES INTEGRITY		
PRR-6	B-J	PR RET WLDS	SUR			NOT AVL		REJ	WITHDRAWN 12/86	REJ	8/85 SER
PRR-2	B-L-2	RECIRC PMP CASINGS				NOT AVL		ACC	REV 0 NOT REVISED	ACC	8/85 SER
PRR-3	B-M-2	VALVE BODIES				48		ACC	REGROUPED W-80	ACC	8/85 SER
PRR-8	C-B	NZL WLDS, INS RADIUS		ACCESS		NOT AVL		L/ACC	REV 1 REVISED	L/ACC	3/87 SER
PRR-6	C-F	PR RET WLDS	SUR			NOT AVL		REJ	WITHDRAWN 12/86	REJ	8/85 SER
PRR-7	C-F	PR RET WLDS				NOT AVL		ACC	NOT REVISED	ACC	8/85 SER
PRR-12	C-H	CRD SYSTEM	HYDRO	TEST COND	VALVES REALIGNED	NOT AVL		NONE	WITHDRAWN 10/87	NONE	
PRR-13	C-H	CNT ATMOSPHERIC SYS	HYDRO	TEST COND	NOT ISOLABLE	NOT AVL	APP J, TYPE A LK TES	ACC	HYDRO IMPRACTICAL		
PRR-15	C-H	TURBINE EXHAUST LINE	HYDRO	TEST COND	NOT ISOLABLE	6 LINES	VT-2 @ SYS FUNC TES	ACC	ALT ENSURES INTEGRITY		
PRR-10	D-B	CLOSED COOLING WATER SYS	HYDRO	TEST COND	EXCEEDS DESIGN PR	2 CHAMBER	VT-2 @ LK TEST	ACC	VT-2 ENSURES INTEGRITY		
PRR-11	D-B	SALT SERVICE WATER SYS	HYDRO	DAMAGE, ALARA	PMP DIS'M & REMOVAL	5 PMPs	VT-2 @ LK TEST	ACC	HYDRO IMPRACTICAL		
PRR-14	C-H, D-A, D-B, D-	CLASS 2 & 3 RELIEF VALVES	HYDRO		GENERIC			NONE	WITHDRAWN 10/87		

PLANT G, BWR-GE
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ISI-2, W-80 2/85 RR, 9/85 TER

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
CR-01	B-A	RV BELTLINE WELDS	UT	ACCESS	CIRC WLDS NOT ACCESSIBLE	2	LONG WLD	L/ACC	EQUIVALENT LENGTH OF LONG WELD ISI-2		W-80
CR-02	B-A	RV BOTTOM HD WELDS	UT	ACCESS	IN' FERENCE CRDM	2	NONE	ACC	CODE EXEMPTS INACCESSIBLE WELDS		
CR-03	B-J	PIPING WELDS	SUR, UT	ACCESS	IN' FERENCE SUPPORTS	5	NONE	L/ACC	MAINTAIN 25% SAMPLE, VT AT HYDRO		
CR-04	B-J	PIPING WELDS	SUR, UT	ACCESS	CNT PENETRATION	15	OUTSD CNT	L/ACC	UT 1ST WLD OUTSD CNT 100%, VT AT HYDRO		
CR-05	B-J	PIPING BR CONN WELDS	SUR, UT	ACCESS	SADDLE PLATE COVERS WELDS	4	SUR OF SADD	L/ACC	ALT EXAM		
CR-06	B-L-2	RECIRC PUMP CASING	VT-3	ALARA	50 MAN-REM/PUMP EXP	2	VT-3 @ DIS'M	L/ACC	ALT EXAM		
CR-07	B-M-2	VALVES >4" NPS INT SUR	VT-3	ALARA	DISPROPORTIONATE RAD 51 EXP	51	VT-3 @ DIS'M	L/ACC	ALT EXAM		
CR-08	C-B	RHR HX NZL-TO-SHELL WELD	SUR, UT	ACCESS	SADDLE PLATE COVERS WELDS	4	SUR OF SADD	L/ACC	ALT EXAM		
CR-09	N/A	CAL BLK DOCUMENTATION		CAL BLOCK	BLK USED IN PREVIOUS ISI	1	N/A	ACC	BLK HAS ADEQUATE ACOUSTIC PROPERTIES		
CR-10	C-F	PIPING BR CONN WELDS	SUR	ACCESS	SADDLE PLATE COVERS WELDS	45	SUR OF SADD	L/ACC	ALT EXAM		
CR-11	B-D	SBLC NZL	UT	GEOM	SHARP EDGED RADIUS	1	NONE	ACC			
CR-12	C-H	COOLANT INJ TURBINE	HYDRO	TEST COND	FRAGILE SEALS	1	FUNC TEST	L/ACC	ALT EXAM		
RR0012A	ISI-1, W-81 B-A	6/87 RR, 7/87 TER RPV LONG SHELL WLDS	10/87 SER UT	ACCESS	PLANT AF, BWR-GE 27 RELIEF REQUESTS AUTOMATED EQUIP, ADJACENT NZL	1	EXT POS	ACC	SIGNIFICANT PERCENTAGE CAN BE REJ PERFORMED	REJ	
RR0012B	B-D	RPV NZL-TO-VSL WLDS	UT	GEOM	NOZZLE GEOM	31	EXT POS	ACC	WOULD INVOLVE REDESIGN OF NZLS	GRANTED	
RR0012C	B-A	RPV CIRC SHELL WLDS	UT	GEOM	PHYSICAL DESIGN OF WLD	1	EXT POS	ACC	SIGNIFICANT PERCENTAGE CAN BE REJ PERFORMED	REJ	
RR0012D	B-A	RPV SHELL-TO-BOTTOM HEAD WLD	UT	GEOM	CAN BE EXAM ONLY FROM VSL SIDE	1	EXT POS	ACC	SIGNIFICANT PERCENTAGE CAN BE REJ PERFORMED	REJ	
RR0012E	B-A	RPV TOP HEAD-TO-FLANGE WLD	SUR, UT	ACCESS	POSITION OF WLD TO FLANGE	1	EXT POS, SUR	ACC	LIMITED UT AND FULL SUR ACCEPTABLE	REJ	
RR0012F	B-H	RPV SUPPORT SKIRT WLD	SUR OR UT	ACCESS	SKIRT ATTACHMENT CONFIG	1	EXT POS	ACC	SIGNIFICANT PERCENTAGE CAN BE REJ PERFORMED	GRANTED	
RR0012G	F-A	SUPPORT WLDS	VT	ALARA	NEAR CRD ASSEMBLIES	8	EXTENT POS	ACC	LIMITED VT IS ACCEPTABLE	GRANTED	
RR0012H	B-A	RPV BOTTOM HEAD WLD	UT	ACCESS	CRD ASSEMBLIES PENETRATING HEAD	2	NONE	ACC	DESIGN OF HEAD ASSEMBLY-ALSO ALARA	REJ	
RR0004	B-D	CRD HOUSING WLDS	SUR OR UT	ALARA	SUPPORT STRUCTURE	2	IF REPLACED, EXT POS	ACC	LIMITED VT-1 ACCEPTABLE	GRANTED	
RR0004a	B-G-2	CRD BOLTING	VT-1	ALARA	SUPPORT STRUCTURE	12	IF REPLACED, EXT POS	ACC	LIMITED VT-1 ACCEPTABLE	GRANTED	
RR0001	B-J	PR RET WLDS >4"NPS	SUR OR UT	GEOM	WLD & COMPONENT CONFIG	9	EXT POS, SUR	ACC	LIMITED UT AND SUR ACCEPTABLE	GRANTED	
RR0002	B-J	PR RET WLDS >4"NPS	SUR, UT	GEOM	COMPONENT CONFIG	3	EXTENT POS	ACC	SIGNIFICANT PERCENTAGE CAN BE PERFORMED		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
RR0006	B-J	DISSIMILAR METAL WLDS	SUR, UT	GEOM	WLD CONFIG	3	EXT POS, SUR	ACC	LIMITED UT AND SUR ACCEPTABLE	GRANTED	
RR0007	B-J	PR RET WLDS >4"NPS	SUR, UT	ACCESS	OBSTRUCTIONS	26	EXT POS, SUR	ACC	LIMITED UT AND SUR ACCEPTABLE	GRANTED	
RR0008	B-J	PR RET WLDS >4"NPS	SUR, UT	GEOM	WLD OVERLAY	61	EXT POS, SUR	ACC	LIMITED UT AND SUR ACCEPTABLE	GRANTED	
RR0013	B-J	CIRC & LONG WLDS >4"NPS	SUR, UT	ACCESS	CONDITIONS RADIATION SHIELDING PLUGS	16	EXTENT POS	ACC	LIMITED UT AND SUR ACCEPTABLE	GRANTED	
RR0014	B-J	PR RET WLDS <4"NPS	SUR	ALARA	SUPPORT STRUCTURE REMOVAL	15	NONE	ACC	DAMAGE & ALARA IF STRUCTURE IS REMOVED	GRANTED	
RR0014a	B-J	PR RET WLDS >4"NPS	SUR, UT	ACCESS	SUPPORT STRUCTURE REMOVAL	1	NONE	ACC	DAMAGE & ALARA IF STRUCTURE IS REMOVED	GRANTED	
RR0009	B-L-2	PUMP CASINGS	VT-3	DAMAGE	DISASSEMBLY REQ'D-DAMAGE POSSIBLE	NOT AVL	EXAM @ DIS'M	ACC	DAMAGE TO INTERNAL SURFACE COULD RESULT	GRANTED	
RR0009a	B-M-2	VALVE BODIES	VT-3	DAMAGE	DISASSEMBLY REQ'D-DAMAGE POSSIBLE	NOT AVL	EXAM @ DIS'M	ACC	DAMAGE TO INTERNAL SURFACE COULD RESULT	GRANTED	
RR0005A	B-K-1	INR-WLD ATTACHMENTS	SUR OR UT	GEOM	COMPONENT CONFIG	45	EXT POS, SUR	ACC	LIMITED UT AND SUR ACCEPTABLE	GRANTED	
RR0011	C-A	VSL HEAD CIRC WLDS	UT	GEOM	NZL CONFIG	2	EXT POS	ACC	LIMITED UT ACCEPTABLE	GRANTED	
RR0011a	C-B	NZL-TO-SHELL	SUR, UT	GEOM	BRANCH CONNECTION CONFIG	2	EXT POS, SUR	ACC	LIMITED UT AND SUR ACCEPTABLE	GRANTED	
RR0011b	C-B	NZL INSIDE RADIUS	UT	GEOM	INHERENT GEOM CONSTRAINTS	2	EXT POS, SUR	ACC	LIMITED UT & ALT SUR EXAM ACCEPTABLE	GRANTED	
RR0010	C-F	PIPING WLDS (<1/2" WALL THK	SUR	ACCESS	COMPLETELY UNDERWATER	226	NONE	ACC	UNDERWATER & OPEN ENDED	GRANTED	
RR0003	C-G	PR RET WLDS IN PUMPS	SUR	ACCESS	OBSTRUCTIONS	43	EXT POS, @ DIS'M	ACC	ALT EXAM ACCEPTABLE	GRANTED	
RR0005B	C-C	INR-WLD ATTACHMENTS	SUR	GEOM	COMPONENT CONFIG	120	EXTENT POS	ACC	LIMITED SURFACE EXAM ACCEPTABLE	GRANTED	
RR0016		NOTCHES IN CAL BLOCK	UT	CAL BLOCK	RR TABLE III-3430-1	16	EXISTING BLOCKS	L/ACC	ALL CRACK IND RECORDED, ALL 20% OF DAC RECORDED		
IRR-11	ISI-1, W-80 B-A	B/86 RR, 11/86 TER RV SHELL WLD	UT	ACCESS	PLANT AG, BWR-6E 9 RELIEF REQUESTS STEEL RING GIRDER	3 SEAMS	ADDITIONAL SCAN (1)	ACC	PROPOSED EXAM ASSURES RELIABILITY		
IRR-7	B-D	NZL-TO-VESSEL WLDS	UT	ACCESS	SPACING BETWEEN NOZZLES	2	VT @ HYDRO	ACC	PROPOSED EXAM ASSURES RELIABILITY		
IRR-10	B-J	PIPING WLDS (74S75)	SUR, UT	EXAMINATION	RR FROM TBL IWB-2500,2600	NOT AVL	BOWBO	NONE	RR NOT NECESSARY, MEETING CODE REQUIREMENTS		
IRR-6	B-J	PIPING WLDS >4"NPS	SUR, UT	GEOM	COMPLEX WLD JOINTS	NOT AVL	VT @ PR TEST	L/ACC	ALT EXAM, EXTENT POSSIBLE, RT INDICATIONS EVALUATED		
IRR-5	B-G-1	BOLTS & STUDS >2" DIA	UT	ACCESS	OBSTRUCTION	1	VT @ PR TEST, HYDRO	ACC	PROPOSED EXAM ASSURES RELIABILITY		
IRR-1	B-L-2	PMP INTERNAL SURFACES	VT-3	ALARA	1000 MAN-HRS, 50 MAN-REM EXPOSURE	1 PMP	VT @ DIS'M	ACC	ALT EXAM PLUS PROPOSED PR & FLOW MONITORING ACC		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
IRR-2	B-M-2	VALVES >4"NPS	VT-3	ALARA	NO QUANTITATIVE FIGURES	57	VT @ DIS'M	ACC	ALT EXAM ACC		
IRR-4	C-6	PMP CASING WLDS	SUR	ACCESS	MOTOR REMOVAL OR PMP DIS'M	NOT AVL	VT-3 @ DIS'M	ACC	ALT EXAM ACC		
IRR-9	IWF	SNUBBERS	FUNCTIONAL	EXAMINATION	SEC XI REQ NOT COMPLETE	NOT AVL	TECH SPEC	NONE	RR NOT REQ, TECH SPEC SHOULD COMPLY W/CODE		
2RR-9	ISI-1, W-81 B-A	B/86 RR, 11/86 TER CIRC, LONG SHELL WLDS	UT	ACCESS	PLANT AH, BWR-GE 11 RELIEF REQUESTS RING GIRDER LIMITS SCAN PATH	3 SEAMS	ADD SCAN ON 1	ACC	ALT EXAM ACC, HYDRO INSURES INTEGRITY		
2RR-5	B-D	NZL-TO-VESSEL WLDS	UT	ACCESS	LIMITED SPACING BETWEEN NZLS	2	VT @ HYDRO	ACC	ALT EXAM ACC		
2RR-8	B-J	PIPING WLDS (74975)	SUR, UT	EXAMINATION	SELECTION OF WLDS, UT VS. SUR	NOT AVL	74975 SELECTION	NONE	RR NOT REQUIRED--MEETING CODE REQUIREMENTS		
2RR-1	B-L-2	PUMP INTERNAL SURFACES	VT-3	ALARA	50 MAN-REM EXPOSURE PER PUMP	NOT AVL	VT-3 @ DIS'M	L/ACC	ALT EXAM		
2RR-2	B-M-2	VALVES >4" NPS	VT-3	ALARA	NO QUANTITATIVE FIGURES	57	VT-3 @ DIS'M	L/ACC	ALT EXAM, VT @ PR TEST INSURES INTEGRITY		
2RR-3	C-F,C-B	PIPE, PMP, VALVE(74975)	UT	EXAMINATION	SELECTION OF WLDS, EXEMPTIONS	NOT AVL	EXAM TO 80WB1	NONE	RR NOT REQUIRED--MEETING 74975 CODE		
2RR-4	C-6	CS & RHR PUMPS	SUR	ACCESS	WLDS WITHIN PMP CASING	NOT AVL	VT-3 @ DIS'M	ACC	ALT EXAM ACC		
2RR-6	IWF 1230	EXEMPT SUPPORTS	COURSE PREP	EXAMINATION	SUPPORTS FOR EXEMPT COMPONENTS	NOT AVL	VT-2 @ PR TEST	NONE	RR NOT REQ-PROPOSED CRITERIA CONFORMS W/CODE		
2RR-6	IWF 2510	SUPPORTS	IWB, IWC, IWD	EXAMINATION	SAMPLING PLAN	NOT AVL	VT-2 @ PR TEST	L/ACC	ASSURE A STATISTICAL SAMPLE BE EXAMINED		
2RR-7	IWF-5300	SNUBBERS	COURSE PREP	EXAMINATION	REQ NOT COMPLETE	NOT AVL	TECH SPEC	NONE	RR NOT REQ--PROPOSED EXAM COMPLIES W/CODE		
2RR-7	IWF-5400	SNUBBERS	ISI TESTS	EXAMINATION	ISI TESTS-SNUBBERS < 50 KIPS	NOT AVL	TECH SPEC	NONE	RR NOT REQ--PROPOSED EXAM COMPLIES W/CODE		
B-1	ISI-1, S-75 B-A	4/82 RR, 9/82 TER REACTOR PR RET WLDS	UT	ACCESS	PLANT A1, BWR-GE 34 RELIEF REQUESTS BIOLOGICAL SHIELD, INSULATION	NOT AVL	HYDRO	L/ACC	ALT EXAM & INCREASE EXAM OF ACCESSIBLE WLDS		
B-2	B-B	REACTOR VSL HD WLDS	UT	ACCESS	CONFID OF INSULATION	NOT AVL	HYDRO	L/ACC	ALT EXAM & INCREASE EXAM OF ACCESSIBLE WLDS		
B-3	B-D	PRIMARY NZL-TO-VSL WLD	UT	ACCESS	MIRROR INSULATION CONFIG	1	VT AT HYDRO	L/ACC	REQUIRED HYDRO		
B-4	B-K-1	INR-WLD ATTACHMENTS	UT	GEOM	WELD DESIGN	37	VT, SUR	L/ACC	ALT EXAM		
B-5	B-M-2	VALVE BODIES	VT	ALARA	HIGH RADIATION EXPOSURE	43	EXAM @ DIS'M	L/ACC	ALT EXAM, VT AT HYDRO		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
B-6	B-L-2	RECIRC PUMP INT SUR	VT	ALARA	410 MAN-REM/PUMP	2	EXAM @ DIS'M	REJ	NEED MORE DEFINITIVE TECHNICAL BASIS		
B-7	B-F	PIPE TO FITTING WLDS	SUR, UT	GEOM	GEOM OF FITTINGS	NOT AVL	EXAM 1 SIDE	L/ACC	UPDATE TO S-78, ALL REQUIREMENTS MUST BE MET		
B-8	B-H	VSL INR-WLD SUPPORTS	UT	ACCESS	MIRROR INSULATION, HIGH RADIATION	NOT AVL	VT, SUR	L/ACC	ALT EXAM		
B-9	B-J	PIPE TO FLUED HD WLDS	UT	ACCESS	INSIDE CONTAINMENT PENETRATION	14	MON'T'D OP	L/ACC	UT 1ST PR BOUNDRY WLD OUTSIDE CNT, HYDRO		
B.4.2	B-K-1	PUMP INR-WLD ATTS	UT	GEOM	WELD DESIGN	12	VT, SUR	L/ACC	ALT EXAM		
B.7.2	C-F	PIPE TO FITTING WLDS	SUR, UT	GEOM	FITTINGS	NOT AVL	EXAM 1 SIDE	L/ACC	UPDATE TO S-78, ALL REQUIREMENTS MUST BE MET		
C-1	C-B	RHR NOZZLE WLDS	UT	ACCESS	REINFORCEMENT SADDLE	NOT AVL	SUR, VT	L/ACC	ALT EXAMS ON SADDLE WELDS		
6-1	IWA-2232	UT EXAMINATION	UT	CODE UPDATE	50% REFERENCE LEVEL RECORDING	NOT AVL	AP 111 S-76	ACC	APPROVAL SHOULD BE GRANTED TO UPDATE S-78, NOT S-76		
H-01	IWC-5220	ALL CLASS 2 SYSTEMS	HYDRO	TEST COND	NO MEANS OF HEATING WATER	NOT AVL	NORMAL TEMP	REJ	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
H-02	IWC-5220	CNT ATMOSPHERIC CONTROL	HYDRO	TEST COND	RELIEF FROM 125 PSIG	1	44 PSIG	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
H-03	IWA-5210	UNINSUL SAFETY SYSTEMS	HYDRO	CODE UPDATE	LATER EDITIONS CALL FOR 10 MIN	NOT AVL	HOLD 10 MIN	REJ	APPROVAL SHOULD BE GRANTED TO UPDATE TO S-78		
H-04	IWC-5220	CLEANUP DISCHARGE LINE	HYDRO	TEST COND	RELIEF FROM 1.25 X PD	1	1.1 X PD	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
H-05	IWC-5220	RHR PUMP CASING & LINES	HYDRO	TEST COND	RELIEF FROM 1.25 X PD	8	RHR PR	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
H-06	IWC-5220	SERVICE & INSTRUMENT AIR	HYDRO	TEST COND	WATER MAY BE DETRIMENTAL	1	LK TEST	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
H-07	IWC-5220	CNT AIR SAMPLING LINES		ACCESS	NO ACCESS FOR TEST CONNECTION	NOT AVL	ROUTINE SURVN	REJ	TEST EVERY PORTION COVERED BY CODE, UPDATE TO S-78		
H-07-a	IWD-5200	CNT AIR SAMPLING LINES		ACCESS	NO ACCESS FOR TEST CONNECTION	NOT AVL	ROUTINE SURVN	REJ	TEST EVERY PORTION COVERED BY CODE, UPDATE TO S-78		
H-09	IWD-5220	SERVICE WATER SYSTEM	HYDRO	TEST COND	REQUIRES TOTAL PLANT SHUTDOWN	NOT AVL	ROUTINE SURVN	L/ACC	TEST AT MAINTENANCE		
H-10	IWD-5200	DIESEL AIR STARTUP	HYDRO	TEST COND	WATER MAY BE DETRIMENTAL	NOT AVL	CK@SHIFT CH	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
H-11	IWD-5200	HPCI TURBINE DRAIN LINES	HYDRO	TEST COND	NOT ISOLABLE	NOT AVL	MONTHLY SUR	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
H-12	IWD-5200	DIESEL FUEL OIL SYSTEM	HYDRO	TEST COND	WATER MAY BE DETRIMENTAL	NOT AVL	ROUTINE SUR	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
H-13	IWC-5220	DRYWELL SUMP PUMP LINES	HYDRO	TEST COND	DRYWELL ATMOSPHERE	NOT AVL	TYPE C YRLY	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
H-14	IWC-5220	CNT AIR DILUTION SYSTEM	HYDRO	TEST COND	WATER MAY BE DETRIMENTAL	NOT AVL	LK TEST	L/ACC	TEST TO CLASS 1--S-78 IS IMPRACTICAL FOR THIS SYS		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
H-15	IWC-5220	STANDBY LIQUID CONTROL	HYDRO	TEST COND	RELIEF FROM 1.25 X PD	NOT AVL	CLASS 1 PR	L/ACC	ALT EXAM		
H-16	IWC-5220	STAND BY GAS TREATMENT	HYDRO	TEST COND	WATER MAY BE DETRIMENTAL	NOT AVL	LK TEST	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
H-17	IWD-5200	ADVANCED OFF GAS SYSTEM	HYDRO	TEST COND	WATER MAY BE DETRIMENTAL	NOT AVL	FLOW ELEM'S	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
H-18	IWC-5220	CRD HYDRAULIC PIPING	HYDRO	TEST COND	MIGHT CAUSE DAMAGE	NOT AVL	ROUTINE SURVN	REJ	UPDATE TO S-78 FOR ALL PRESSURE TESTS		
V.B.1	IWA-1220	EXEMPTED COMPONENTS		CODE CLARIF	INSTRUMENT & DRAIN LINES 4"	NOT AVL	NONE	REJ	EXAM ACCORDING TO CODE		
B-10	ISI-1A, S-75 B-J	4/84 RR, 11/84 TER MS PIPING WLDS	UT	ACCESS	COVERED BY SUPPORT RING	2	VT-HYDRO,UT-REMOVAL	L/ACC	VT @ HYDRO, UT EXTENT POS WHEN SUPPORTS REMOVED		
C-2	C-E-1	SUPPORTS	SUR	ACCESS	SADDLES ON FILLET WLDS	NOT AVL	VT	L/ACC	OUTERMOST SADDLE WLDS EXAMINED, VT @ HYDRO		
REV 9 B-1	ISI-2, W-80 B-A	6/88 RR, 5/89 TER RPV SHELL WLDS	UT		PLANT A1, BWR-GE 42 RELIEF REQUESTS		NONE B1.11, ACCESS		SER 2/87	GRANTED	PROVIDED EXAM OF ACCESSIBLE HEAD WLDS IS INCREASED
B-3	B-H	RPV INT-WLD ATTACH	UT OR SUR				ACCESS PORTION		SER 2/87	GRANTED	ACCESS PORTION OF SKIRT, SUR STABILIZER BRACKETS
B-4	B-J	CIRC WLDS >=4"NPS	UT,SUR				1ST ACCESS OUTSIDE		SER 2/87	GRANTED	1ST ACCESS OUTSIDE
B-4a	B-J	CIRC WLDS <4"NPS	SUR				1ST ACCESS OUTSIDE		SER 2/87	GRANTED	1ST ACCESS OUTSIDE
B-5 C-1	B-J C-B	MS PIPING WLDS >=4"NPS VESSEL NZL WLDS	UT,SUR UT,SUR				EXT POS, VT @ HYDRO UT,SUR ON SADDLE		SER 2/87 SER 2/87	GRANTED GRANTED	UT & SUR ON REINFORCEMENT SADDLE-TO-NZL & VSL
C-2	C-C	INT-WLD ATTACH	SUR				VT		SER 2/87	GRANTED	PROVIDED OUTERMOST SADDLE WLDS EXAM, VT AT HYDRO
H-1	C-H	PR RET COMPONENTS	VT-2				VT @ MONTH SURVEILL		SER 2/87	NOT NEEDED	SUCTION DISCHARGE PIPING FROM TORUS
H-2	C-H	PR RET COMPONENTS	VT-2				VT @ MONTH SURVEILL		SER 2/87	GRANTED	PIPING BETWEEN VALVES & SLC PUMPS
H-3	C-H	PR RET COMPONENTS	VT-2				CLASS 1 HYDRO		SER 2/87	GRANTED	PIPING BETWEEN VALVES & CONNECTION OF VII-16 TO VII-RADWASTE PIPING TO RHR-FLOOR DRAIN DOWSTREAM VALVES
H-4	C-H	PR RET COMPONENTS	VT-2				CONT ISOLATION PORT		SER 2/87	GRANTED	NO JUSTIFICATION-RADWASTE DRYWELL SUMP PUMP DISCHARGE
H-5	C-H	PR RET COMPONENTS	VT-2				CONT ISOLATION PORT		SER 2/87	DENIED	NO JUSTIFICATION-PIPING LINE CUM BETWEEN VALVES
H-6	C-H	PR RET COMPONENTS	VT-2				CLASS 3 LINE TEST		SER 2/87	DENIED	

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
H-7	C-H	PR RET COMPONENTS	VT-2				TEST @ FW TEST		SER 2/87	NOT NEEDED	PIPING DOWNSTREAM OF HPCI MOV23-19 & RCIC MOV13-21
H-8	C-H	PR RET COMPONENTS	VT-2				PERIODIC LEAK TEST		SER 2/87	DENIED	NO JUSTIFICATION-SERVICE & INSTRUMENT AIR PIPING
H-9	C-H	PR RET COMPONENTS	VT-2				CONT ISOLATION PORT		SER 2/87	DENIED	NO JUSTIFICATION-ATMOSPHERE CONTROL PIPING
H-10	C-H	PR RET COMPONENTS	VT-2				CONT ISOLATION PORT		SER 2/87	DENIED	NO JUSTIFICATION-CONTAINMENT AIR SAMPLING PIPING
H-11	C-H	PR RET COMPONENTS	VT-2				CONT ISOLATION PORT		SER 2/87	DENIED	NO JUSTIFICATION-AIR DILUTION PIPING-ISOLATION VALVE
H-12	C-H	PR RET COMPONENTS	VT-2				HYDRO @ 1080-1500 P		SER 2/87	DENIED	CRD PIPING-HYDRAULIC CONTROL UNITS
H-13	C-H	PR RET COMPONENTS	VT-2				TYPE "A" LEAK TEST		SER 2/87	DENIED	NO JUSTIFICATION-STANDBY GAS TREATMENT PIPING
H-16	C-H	PR RET COMPONENTS	VT-2				TYPE "A" LEAK TEST		SER 2/87	DENIED	NO JUSTIFICATION-RECIRCULATION PUMP SEAL PURGE SYSTEM
H-17	C-H	PR RET COMPONENTS	VT-2				VT @ ROUTINE SUEIL		SER 2/87	GRANTED	CONDENSATE STORAGE TANK SUCTION LINES
H-19	C-H	PR RET COMPONENTS	VT-2				@ PR PHP SUCTION HY		SER 2/87	DENIED	RHR BYPASS LINE
H-20	C-H	PR RET COMPONENTS	VT-2				VT @ SCRAM EVENTS		SER 2/87	L/GRANTED	SCRAM INITIATED IF NOT 3 IN INTERVAL-CRD DISCHARGE LI
H-21	C-H	PR RET COMPONENTS	VT-2				VT @ SCRAM EVENTS		SER 2/87	GRANTED	SCRAM DISCHARGE LINES BETWEEN OUTLET & MANUAL VALVES
H-18	C-H	PR RET COMPONENTS	VT-2				@ TEST OF CASING LI		SER 2/87	GRANTED	TURBINE STEAM LINE SYSTEM-VT @ CASING, EXHAUST LINE T
		EXAM EXEMPTION ALLOWED IN 74575							SER 2/87	DENIED	INSUFFICIENT SUPPORTING DATA OF CHEMISTRY CONTROL
H-14	D-A	PR RET COMPONENTS	VT-2				OPERATOR SURVEILLAN		SER 2/87	GRANTED	SERVICE WATER PIPING
H-18	D-B	PR RET COMPONENTS	VT				@ TEST OF TURBINE C		SER 2/87	GRANTED	TURBINE STEAM LINE SYSTEM-VT @ CASING, EXHAUST LINE T
H-15	D-A	PR RET COMPONENTS	VT				IN LEAKAGE FLOW		SER 2/87	GRANTED	ADVANCED OFF-GAS SYSTEM GUARD BEDS & ABBORBERS
C-3	F-A,F-B,F-C	CLASS 2 SUPPORTS	VT-3 OR VT-4	CODE CLARIF	RELIEF ON LINES <4"NPS		NONE	NONE	CODE REQUIREMENTS ARE BEING MET		
D-1	F-A,F-B,F-C	CLASS 3 SUPPORTS	VT-3 OR VT-4	CODE CLARIF	RELIEF ON LINES <4"NPS		NONE	NONE	CODE REQUIREMENTS ARE BEING MET		
H-1	TEST PRESSURE	CLASS 2 LINES	HYDRO	TEST CONDITI	UNISOLATABLE FROM CLASS 1 LINES	5 LINES	CLASS 1 REQUIREMENT ACC		CLASS 1 LINES WOULD BE OVERPRESSURIZED		
H-4	HYDROSTATIC TE	CLASS 2 LINES	HYDRO	TEST CONDITI	DESIGN DOES NOT ALLOW REQ'D PRESSURE	4 LINES	@ PHP SUCTION HYDRO ACC		ALT WILL PROVIDE REASONABLE ASSURANCE OF INTEGRITY		
H-5	HYDROSTATIC TE	CLASS 2 LINES(HPCI,RCIC)	HYDRO	TEST CONDITI	DESIGN DOES NOT ALLOW REQ'D PRESSURE	2 LINES	@ STANDBY GAS SYS T ACC		ALT WILL PROVIDE REASONABLE ASSURANCE OF INTEGRITY		
H-6	HYDROSTATIC TE	CLASS 2 LINES(HPCI,RCIC)	HYDRO	TEST CONDITI	NOT ISOLATABLE	6 LINES	NONE	ACC	INSPECTED FOR LEAKAGE @ MONTHLY SYSTEM OPERABILITY TEST		

BWR ISI RELIEF REQUESTS

RELIEF REQUEST	CODE CATEGORY	DESCRIPTION	EXAMINATION METHOD	RELIEF REASON	COMMENTS	NUMBER OF ITEMS	ALTERNATE EXAMINATIONS	TER DISPOSITION	EXPLANATION	SER DISPOSITION	SER COMMENTS
H-9		HYDROSTATIC TE CLASS 2 PIPING(PCAC)	HYDRO	TEST CONDITI	EXTENSION OF PRIMARY CONTAINMENT		APP J, 44 PS10	ACC	ALT WILL PROVIDE REASONABLE ASSURANCE OF INTEGRITY		
H-12		HYDROSTATIC TE CLASS 2 LINES(FW)	HYDRO	TEST CONDITI	UNISOLATABLE FROM CLASS 1 LINES	2 LINES	CLASS 1 REQUIREMENT	ACC	CLASS 1 LINES WOULD BE OVERPRESSURIZED		
H-13		HYDROSTATIC TE CLASS 2 LINES(STANDBY GAS)	HYDRO	TEST CONDITI	EXTENSION OF PRIMARY CONTAINMENT	2 LINES	APP J, 44 PS10	ACC	ALT WILL PROVIDE REASONABLE ASSURANCE OF INTEGRITY		
H-16		HYDROSTATIC TE CLASS 2 (RW CLEANUP)	HYDRO	TEST CONDITI	UNISOLATABLE FROM CLASS 1 LINES	1 LINE	CLASS 1 REQUIREMENT	ACC	CLASS 1 LINES WOULD BE OVERPRESSURIZED		
H-10		HYDROSTATIC TE CLASS 3 LINES(FUEL OIL)	HYDRO	TEST CONDITI	UNISOLATABLE FROM DIESEL INJECTORS		NONE	NONE	CODE WILL BE MET-INSPECT FOR LEAKAGE @ SYSTEM FUNC TEST		
H-19		HYDROSTATIC TE CLASS 3 LINES(SERVICE WATER)	HYDRO	TEST CONDITI	NO SAFETY OR RELIEF VALVES	4 LINES	NONE	ACC	INSPECTED FOR LEAKAGE DURING NORMAL OPERATOR ROUNDS		
PLANT AJ, BWR-GE											
ISI-2-001	ISI-1, W-80 B-A	11/86 RR, 11/86 TER RPV PR RET WLDS	UT	ACCESS	6 RELIEF REQUESTS OBSTRUCTIONS-VESSEL SKIRT	16	EXT POS, PR TEST	ACC	ALT EXAM PROVIDES STRUCTURAL INTEGRITY	GRANTED	
ISI-2-004	B-6-1	RPV CLOSURE HEAD NUTS	SUR	GEOM	PHOSPHATE COATING	76	UT	ACC	SUR EXCEPT THREAD AREA & ALT EXAM PROVIDES INTEGRITY	GRANTED	
ISI-2-002	B-J	PR RET PIPING WLDS >4"	SUR, UT	CAL BLOCK	RELIEF FROM SCHEDULE 80	8	SCH 40	REJ	NOT JUSTIFIED-DID NOT SUBMIT ADDITIONAL INFO	REJ	
ISI-2-005		DISSIMILAR METAL WLDS		EXAMINATION	RELIEF FROM ARTICLE 5 SECTION V	NOT AVL	AP 111, SUPP 7	L/ACC	ALL CRACK IND RECORDED-OTHER IF 20% DAC-ALL 50% DAC	L/GRANTED	
ISI-2-003	F-B	SUPPORTS	VT-3	ACCESS	IN PENETRATIONS OR FOAM FILLED	16	NONE	ACC	INACCESSIBLE TO ALL EXAM TECHNIQUES	GRANTED	
ISI-2-007		ALL CLASS 1,2,3 SNUBBERS	VT-4, FUNC	EXAMINATION	RELIEF FROM IMF EXAMINATIONS	827	TECH SPEC	ACC	VT TO TECH SPEC-MORE STRINGENT VT THAN CODE	GRANTED	