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Your ref: Project Number 740 Our ref: DCP/NRC1964

July 18, 2007

AP1000 COL Standard Technical Report Submittal of APP-GW-GLN-131 (TR 131),

Revision 0

In support of Combined License application pre-application activities, Westinghouse is submitting Revision 0 of AP1000 Standard Combined License Technical Report Number 131. This report identifies and justifies standard changes to the AP1000 Design Control Document (DCD). The changes to the DCD identified in Technical Report 131 are included in the proposed amendment to the AP1000 Design Certification Rule (DCD Revision 16). This report is submitted as part of the NuStart Bellefonte COL Project (NRC Project Number 740). The information included in this report is generic and is expected to apply to all COL applications referencing the AP1000 Design Certification.

The purpose for submittal of this report was explained in a March 8, 2006 letter from NuStart to the NRC.

Pursuant to 10 CFR 50.30(b), APP-GW-GLN-131, Revision 0, "Miscellaneous AP1000 Design Changes," (Technical Report Number 131), is submitted as Enclosure 1 under the attached Oath of Affirmation.

It is expected that when the NRC review of Technical Report Number 131, Revision 0 is complete, the changes to the DCD identified in Technical Report 131 will be considered approved generically for COL applicants referencing the AP1000 Design Certification.

Questions or requests for additional information related to content and preparation of this report should be directed to Westinghouse. Please send copies of such questions or requests for additional information to the prospective applicants for combined licenses referencing the AP1000 Design Certification. A representative for each applicant is included on the cc: list of this letter.

Westinghouse requests the NRC to provide a schedule for review of the technical report within two weeks of its submittal.

00205psa.doc

Very truly yours,

A. Sterdis, Manager

Licensing and Customer Interface Regulatory Affairs and Standardization

/Attachment

1. "Oath of Affirmation," dated July 18, 2007

/Enclosure

1. APP-GW-GLN-131, Revision 0, "Miscellaneous AP1000 Design Changes," Technical Report Number 131

cc:	D. Jaffe	-	U.S. NRC	1E	1 A
	E. McKenna	-	U.S. NRC	1E	1 A
	S. Adams	-	Westinghouse	1E	1 A
	G. Curtis	-	TVA	1 E	1 A
	P. Grendys	-	Westinghouse	1 E	1 A
	P. Hastings	-	Duke Power	1E	1 A
	C. Ionescu	-	Progress Energy	1E	1 A
	D. Lindgren	-	Westinghouse	1E	1 A
	A. Monroe	-	SCANA	1E	1A
	M. Moran	-	Florida Power & Light	1E	1 A
	C. Pierce	-	Southern Company	1 E	1 A
	E. Schmiech	-	Westinghouse	1 E	1 A
	G. Zinke	-	NuStart/Entergy	1E	1 A
	P. Greco	-	Westinghouse	1E	1A

ATTACHMENT 1

"Oath of Affirmation"

ATTACHMENT 1

UNITED STATES OF AMERICA

NUCLEAR REGULATORY COMMISSION

In the Matter of:)
NuStart Bellefonte COL Project)
NRC Project Number 740)

APPLICATION FOR REVIEW OF "AP1000 GENERAL COMBINED LICENSE INFORMATION" FOR COL APPLICATION PRE-APPLICATION REVIEW

D. S. Lipman, being duly sworn, states that he is Senior Vice President, Nuclear Power Plants, for Westinghouse Electric Company; that he is authorized on the part of said company to sign and file with the Nuclear Regulatory Commission this document; that all statements made and matters set forth therein are true and correct to the best of his knowledge, information and belief.

D. S. Lipman

Senior Vice President Nuclear Power Plants

Subscribed and sworn to before me this /8th day of July 2007.

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
Debra McCarthy, Notary Public
Monroeville Boro, Allegheny County
My Commission Expires Aug. 31, 2009

Member, Pennsylvania Association of Notaries

Notary

ENCLOSURE 1

APP-GW-GLN-131, Revision 0

"Miscellaneous AP1000 Design Changes"

Technical Report 131

AP1000 DOCUMENT COVER SHEET

		TDO	C:	Permanent File:	APY:
			RFS	*#:	RFS ITEM #:
AP1000 DOCUMENT NO.	REVISION NO.	T	- 0160 AS	SIGNED TO	
APP-GW-GLN-131	0	Page 1 of		- McGinnis	•
ALTERNATE DOCUMENT	NUMBER: TR 131		wo	RK BREAKDOWN	# :
ORIGINATING ORGANIZAT	ION: Westinghouse E	lectric Compa	any		
TITLE: Miscellaneous AP1	000 Design Changes				,
ATTACHMENTS: N/A				DOCUMENT REVIS GW-GEE-228 Rev. 0	GW-GEE-315 Rev. 0
CALCULATION/ANALYSIS	REFERENCE:	· · · · · · · · · · · · · · · · · · ·		GW-GEE-338 Rev. 3 GW-GEE-463 Rev. 2	GW-GEE-440 Rev. 3 GW-GEE-513 Rev. 0
N/A				GW-GEE-559 Rev. 1 APP-GW-GEE- I	21 Rev. 1
ELECTRONIC FILENAME APP-GW-GLR-131 R0	ELECTRONIC FILE I	FORMAT	ELECTRO	NIC FILE DESCRIP	TION
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AP1000 RESPONSIBLE MANAC	1 / 2 / 9 / /	ECIN	ù)	APPROVAL DAT	

^{*} Approval of the responsible manager signifies that document is complete, all required reviews are complete/electronic file is attached and document is released for use.

APP-GW-GLN-131 Revision 0

June 2007

Westinghouse Class 3 Non Proprietary

AP1000 Standard Combined License Technical Report

Title: Miscellaneous AP1000 Design Changes

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WESTINGHOUSE ELECTRIC COMPANY

	AP1000 Licensing Design Change Docur	nent	Page 3 of	
Docume	nt Number: APP-GW-GLN-131	Revision I	Number: 0_	
Title:	Miscellaneous AP1000 Design Changes			

Brief Description of the change (what is being changed and why):

Technical Report 131 addresses a few miscellaneous design changes made to AP1000 that are incorporated into Revision 16 of the Design Control Document.

I. APPLICABILITY DETERMINATION

This evaluation is prepared to document that the change described above is a departure from Tier 2 information of the AP1000 Design Control Document (DCD) that may be included in plant specific FSARs without prior NRC approval.

A.	Does the proposed change include a change to:		
	1. Tier 1 of the AP1000 Design Control	□ NO ⊠ YES	(If YES prepare a report for NRC
	Document APP-GW-GL-700		review of the changes)
	2. Tier 2* of the AP1000 Design Control	⊠ NO □ YES	(If YES prepare a report for NRC
	Document, APP-GW-GL-700		review of the changes)
	3. Technical Specification in Chapter 16 of the	NO ☐ YES	(If YES prepare a report for NRC
	AP1000 Design Control Document, APP-GW-		review of the changes)
	GL-700		
B.	Does the proposed change involve:		
	1. Closure of a Combined License Information	NO ☐ YES	(If YES prepare a COL item
İ	Item identified in the AP1000 Design Control		closure report for NRC review.)
	Document, APP-GW-GL-700		
	2. Completion of an ITAAC item identified in	NO ☐ YES	(If YES prepare an ITAAC
	Tier 1 of the AP1000 Design Control		completion report for NRC
	Document, APP-GW-GL-700		review.)

The questions above are answered no, therefore the departure from the DCD in a COL application does not
require prior NRC review unless review is required by the criteria of 10 CFR Part 52 Appendix D Section
VIII R 5 h or R 5c

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Title:	Miscellaneous AP1000 Design Changes		·

II. TECHNICAL DESCRIPTION AND JUSTIFICATION

A few miscellaneous design changes were made to the AP1000. This technical report will add these differences to the AP1000 DCD to make it consistent with the current design.

Change 1: WGS Simplified Sketch Corrections

The current version of the Gaseous Radwaste System (WGS) simplified sketch shown in the DCD does not accurately depict the current status of the WGS design. The sketch will be updated to reflect the current AP1000 WGS design by correcting the valve type for the discharge valve and the moisture separator drain valve.

Change 2: Removal of the Pressurizer Vapor Sample Line from the RCS

Conversations with utilities have confirmed that this sampling line is rarely if ever used. It was not on the normal sampling schedule and has been removed.

Change 3: Move VES Refill Line from VES to CAS

This change was made to allow the refill line to be non-safety-related.

Change 4: Addition of New Containment Electrical Penetration Test Valve to Table 3.2-3

This change was made by the report APP-GW-GLN-022 (TR 097), however the table 3.2-3 markup for this change is included in this report.

Change 5: Change in Tier 2 Section 6.5.2.1.1 to correctly describe procedure

Procedure currently states the following "Containment spray is initiated by first closing the passive containment cooling water system fire header isolation valve (PCS-V005) isolating the primary fire water tank, ..." the isolated tank is actually the Passive Containment Cooling Water Storage Tank as shown in the markup.

Change 6: Addition of sprinklers that exist in the diesel driven fire pump enclosure

The current design has sprinklers in the diesel driven fire pump package. The figure included in this TR shows these sprinklers.

Change 7: Correction to Sheet 3 of Figure 9.5.1-1

The current figure is incorrect in the following ways:

- Valve V102 is incorrectly labeled, it should be valve V700
- Flag coming from "FPS TANK" is changed to show its correct origin

Please note that the following pages listed in the Tier 2 Revision 16 Roadmap are referenced to other Technical Reports for their explanation. For pages 3.2-35 to 38 please see APP-GW-GLN-123 (123). For page 3.2-69 please reference APP-GW-GLN-019 (103).

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Title:	Miscella	neous AP1000 Design Changes		

III. DCD MARK-UP

Tier 1

1. Figure 2.3.11-1

Tier 2

- 1. Table 3.2-3 (Sheet 24 of 65)
- 2. Table 3.2-3 (Sheet 56 of 65)
- 3. Table 3.2-3 (Sheet 61 of 65)
- 4. Section 6.5.2.1.1
- 5. Figure 9.5.1-1 (Sheet 1 of 3)
- 6. Figure 9.5.1-1 (Sheet 3 of 3)

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Document Number: APP-GW-GLN-131 Revision Number: 0

Title: Miscellaneous AP1000 Design Changes

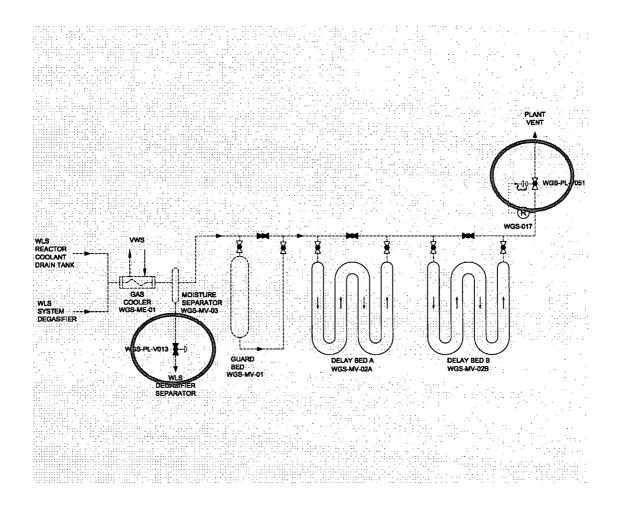


Figure 2.3.11-1 Gaseous Radwaste System

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Title:	Miscella	neous AP1000 Design Changes		

TABLE 3.2-3 (SHEET 24 OF 65)

AP1000 CLASSIFICATION OF MECHANICAL AND FLUID SYSTEMS, COMPONENTS, AND EQUIPMENT

	TEOD STSTEMS, CON	1 011111	T ~ 9 1 81 1 1 2 2	Z = 1.122.1.1	T
Tag Number	Description	AP1000 Class	Seismic Category	Principal Con- struction Code	Comments
Reactor Coolant S	ystem (Continued)				
RCS-PL-V203	Pressurizer Steam Space Sample Isolation	B	Ŧ	ASME-III-2	
RCS-PL-V204	Pressurizer Manual Vent	Α	I	ASME III-1	
RCS-PL-V205	Pressurizer Manual Vent	Α	I	ASME III-1	
RCS-PL-V210A	Pressurizer Spray Bypass	В	I	ASME III-2	
RCS-PL-V210B	Pressurizer Spray Bypass	В	I	ASME III-2	
RCS-PL-V225A	Pressurizer Level Steam Space Instrument Root	В	I	ASME III-2	
RCS-PL-V225B	Pressurizer Level Steam Space Instrument Root	В	I	ASME III-2	
RCS-PL-V225C	Pressurizer Level Steam Space Instrument Root	В	I	ASME III-2	
RCS-PL-V225D	Pressurizer Level Steam Space Instrument Root	В	I	ASME III-2	
RCS-PL-V226A	Pressurizer Level Liquid Space Instrument Root	В	I	ASME III-2	
RCS-PL-V226B	Pressurizer Level Liquid Space Instrument Root	В	I	ASME III-2	
RCS-PL-V226C	Pressurizer Level Liquid Space Instrument Root	В	I	ASME III-2	
RCS-PL-V226D	Pressurizer Level Liquid Space Instrument Root	В	I	ASME III-2	
RCS-PL-V228	Wide Range Pressurizer Level Steam Space Instrument Root	В	I	ASME III-2	
RCS-PL-V229	Wide Range Pressurizer Level Liquid Space Instrument Root	В	I	ASME III-2	
RCS-PL-V232	Manual Head Vent	С	I	ASME III-3	
RCS-PL-V233	Head Vent Isolation	С	I	ASME III-3	
RCS-PL-V241	ADS Valve Discharge Header Drain Isolation	С	I	ASME III-3	
RCS-PL-V242	ADS Valve Discharge Header Drain Check	D	NS	ANSI 16.34	

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TABLE 3.2-3 (SHEET 56 OF 65)

AP1000 CLASSIFICATION OF MECHANICAL AND FLUID SYSTEMS, COMPONENTS, AND EQUIPMENT

		AP1000	Seismic	Principal Con-				
Tag Number	Description	Class	Category	struction Code	Comments			
Main Control Roc	Main Control Room Emergency Habitability System (Continued)							
VES-PL-V002A	Pressure Regulating Valve A	С	I	ASME III-3				
VES-PL-V002B	Pressure Regulating Valve B	С	I	ASME III-3				
VES-PL-V005A	Air Delivery Main Isolation Valve A	С	I	ASME III-3				
VES-PL-V005B	Air Delivery Main Isolation Valve B	С	I	ASME III-3				
VES-PL-V006A	Air Delivery Line Pressure Instrument Isolation Valve A	С	I	ASME III-3				
VES-PL-V006B	Air Delivery Line Pressure Instrument Isolation Valve B	С	I	ASME III-3				
VES-PL-V008A	Refill CheckValve A	E	1	ASME-III-3				
VES-PL-V008B	Refill CheckValve B	E	Ŧ	ASME-III-3				
VES-PL-V016	Temporary Instrument Isolation Valve A	С	I	ASME III-3	·			
VES-PL-V018	Temporary Instrument Isolation Valve A	С	I	ASME III-3				
VES-PL-V019	Temporary Instrument Isolation Valve B	С	I	ASME III-3				
VES-PL-V020	Temporary Instrument Isolation Valve B	С	I	ASME III-3				
VES-PL-V022A	Pressure Relief Isolation Valve A	С	I	ASME III-3				
VES-PL-V022B	Pressure Relief Isolation Valve B	С	I	ASME III-3				
VES-PL-V024A	Air Tank Isolation Valve A	С	I	ASME III-3				
VES-PL-V024B	Air Tank Isolation Valve B	С	I	ASME III-3				
VES-PL-V025A	Air Tank Isolation Valve A	С	I	ASME III-3				
VES-PL-V025B	Air Tank Isolation Valve B	С	I	ASME III-3				
VES-PL-V038	Makeup Air Stop Valve	С	I	ASME III-3				
VES-PL-V040A	Air Tank Safety Relief Valve A	С	I	ASME III-3				
VES-PL-V040B	Air Tank Safety Relief Valve B	С	I	ASME III-3				

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TABLE 3.2-3 (SHEET 61 OF 65)

AP1000 CLASSIFICATION OF MECHANICAL AND FLUID SYSTEMS, COMPONENTS, AND EQUIPMENT

	FLUID SYSTEMS, COMPONENTS, AND EQUIPMENT					
Tag Number	Description	AP1000 Class	Seismic Category	Principal Construction Code	Comments	
Containment Lea	k Rate Test System (Continued)				
VUS-PL-V116	Electrical Penetration Test Isolation Valve	В	I	ASME III-2		
VUS-PL-V117	Electrical Penetration Test Isolation Valve	В	I	ASME III-2		
VUS-PL-V118	Electrical Penetration Test Isolation Valve	В	I	ASME III-2		
VUS-PL-V119	Electrical Penetration Test Isolation Valve	В	I	ASME III-2		
VUS-PL-V120	Electrical Penetration Test Isolation Valve	В	I	ASME III-2		
VUS-PL-V121	Electrical Penetration Test Isolation Valve	В	I	ASME III-2	·	
VUS-PL-V122	Electrical Penetration Test Isolation Valve	В	I	ASME III-2		
VUS-PL-V123	Electrical Penetration Test Isolation Valve	В	I	ASME III-2		
VUS-PL-V124	Electrical Penetration Test Isolation Valve	В	I	ASME III-2		
VUS-PL-V125	Electrical Penetration Test Isolation Valve	В	Ī	ASME III-2		
VUS-PL-V140	Spare Penetration Test Connection	В	I	ASME III-2		
VUS-PL-V141	Spare Penetration Test Connection	В	Ī	ASME III-2		
VUS-PL-V142	Spare Penetration Test Connection	В	I	ASME III-2		
Balance of system	components are Class E					
Central Chilled V	Vater System (VWS)				Location: Various	
n/a	Air Cooled Chiller	D	NS	Manufacturer Std.		
n/a	Pumps	D	NS	Manufacturer Std.		
n/a	Tanks	D	NS	ASME VIII		
n/a	Valves Providing VWS AP1000 Equipment Class D Function	D	NS	ANSI 16.34		

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6.5.2.1.1	Valves	

The containment spray flow path from the fire main header contains one normally open manual valve (FPS-V048), one normally closed manual valve (FPS-V101), one lock closed manual containment isolation valve outside containment (FPS-V050), a containment isolation check valve inside containment (FPS-V052), a normally open manual isolation valve in the spray riser (FPS-V700), and a normally closed remotely-operated valve (FPS-V701) downstream of the manual isolation valve in the spray riser.

Containment spray is initiated by first closing the passive containment cooling water system fire header isolation valve (PCS-V005) isolating the <u>passive containment cooling primary fire</u>-water <u>storage</u> tank, opening the manual valves outside containment, and by opening the remotely-operated valve inside containment. The manual valves outside containment are located in valve / piping penetration room 12306. The valves are located close to the entrance door such that radiation exposures to an individual required to enter the room and align the valves would not exceed the prescribed post-accident dose limits discussed in subsection 12.4.1.8.

Valve FPS-V701 is a fail-open air-operated valve such that the containment spray flow path can be opened following a loss of the nonsafety-related compressed air system. During shutdown operations, the fire protection system header inside containment is pressurized from the passive containment cooling water storage tank for fire protection and manual isolation valve FPS-V700 is closed.

6.5.2.1.2 Containment Spray Header and Nozzles

The containment spray header consists of a single header that feeds two ring headers located above the containment polar crane. The containment spray ring headers and spray nozzles are oriented to maximize containment volume coverage. A lower ring header is located at plant elevation 260 feet, and contains 44 spray nozzles. An upper ring header is located at plant elevation 275 feet, and contains 24 spray nozzles.

The nozzles within the spray ring header are conventional containment spray nozzles utilized in past Westinghouse pressurized water reactors. The spray nozzles are selected on the basis of drop size to provide adequate absorption of fission products from the containment atmosphere.

6.5.2.1.3 Applicable Codes and Classifications

The containment spray function is not safety-related, and therefore the valves and piping in the containment spray flow path are not required to be safety-related for the containment spray function. However, the containment isolation piping and valves are safety-related (AP1000 Equipment Class B) to perform the safety-related function of containment isolation. The classification of the remaining portions of the fire header are nonsafety-related, and are classified as Class F as discussed in subsections 3.2.2.7 and 9.5.1. The containment spray header and valve, downstream of the manual isolation valve inside containment is nonsafety-related and classified as Class E. The containment spray header is classified as Seismic category II.

Figure 9.5.1-1 (Sheet 1 of 3)

Fire Protection System
Piping and Instrumentation Diagram
(REF FPS 001)

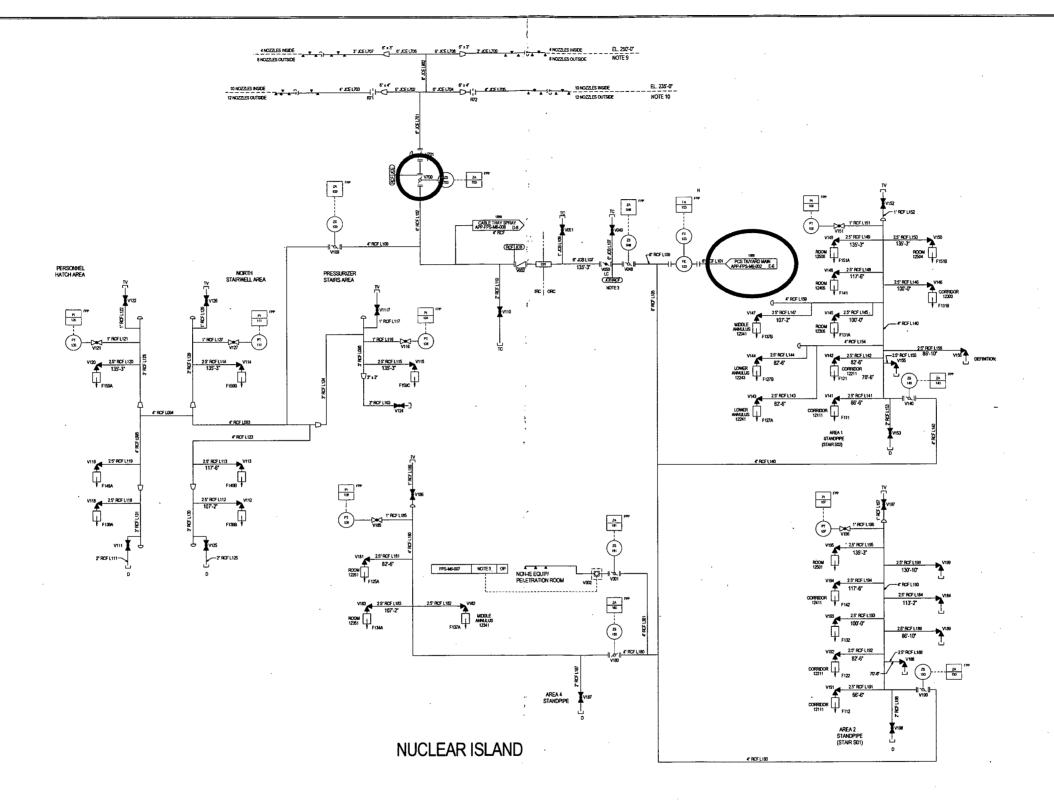


Figure 9.5.1-1 (Sheet 3 of 3)

Fire Protection System
Piping and Instrumentation Diagram
(REF FPS 004)

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	Oocument Number: APP	-GW-GLN-131	Revision Number: 0
Т	itle: Miscellaneou	s AP1000 Design Changes	
IV.	REGULATORY IN	ПРАСТ	
A.	FSER IMPACT		
The	ese changes have no impa	ct on the text or conclusions of the AP1000	FSER.
B.	SCREENING QUESTIC under each response)	ONS (Check correct response and provide ju	ustification for that determination
1.	Does the proposed chang described design function	ge involve a change to an SSC that adversely	y affects a DCD
	The proposed changes design function.	o not involve a change to an SSC that adver	sely affects a DCD described
2.		ge involve a change to a procedure that adverge ign functions are performed or controlled?	ersely affects how TYES NO
		o not involve a change to a procedure that a notions are performed or controlled.	dversely affects how DCD
3.		ty involve revising or replacing a DCD des in establishing the design bases or used in	
		o not involve revising or replacing a DCD of the design bases or used in the safety and	
4.	where an SSC is utilized	ty involve a test or experiment not describe or controlled in a manner that is outside the that SSC or is inconsistent with analyses or	e reference
	The proposed changes de	o not involve a test or experiment not descr	ibed in the DCD.
C.		PARTURE FROM TIER 2 INFORMATION (Training to manage the control of	N (Check correct response and provide
	references the AP1000 d	ix D, Section VIII. B.5.a. provides that an a esign certification may depart from Tier 2 is equire a license amendment under paragraph	nformation, without prior NRC
1.		ture result in more than a minimal increase t previously evaluated in the plant-specific	
	The changes described w	vill not increase the frequency of occurrence	e of an accident because there is no

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1	Title: Miscellaneous AP1000 Design Changes		
	significant increase in the probability of failure of the safety functions	due to the changes.	
2.	Does the proposed departure result in more than a minimal increase in occurrence of a malfunction of a structure, system, or component (SS) and previously evaluated in the plant-specific DCD?		☐ YES ☒ NO
	There are no changes which will cause an increase in the probability of SSC important to the safety and previously evaluated in the plant spec		alfunction of any
3.	Does the proposed departure Result in more than a minimal increase i an accident previously evaluated in the plant-specific DCD?	n the consequences of	☐ YES ⊠ NO
	The changes have no effect on the operation, performance, and pressurvessel. Therefore, there is no increase in the calculated release of radio accident conditions.		
4.	Does the proposed departure result in more than a minimal increase in a malfunction of an SSC important to safety previously evaluated in the DCD?		☐ YES ☒ NO
	The changes have no effect on the design functions or reliability of an the calculated release of radioactive material due to a malfunction of a		s no increase in
5.	Does the proposed departure create a possibility for an accident of a devaluated previously in the plant-specific DCD?	ifferent type than any	☐ YES ☒ NO
	The changes have no effect on the operation, performance and pressur vessel. The changes do not introduce any additional failure modes. The an accident of a type different than what has already been evaluated in	nerefore, these changes	
6.	Does the proposed departure create a possibility for a malfunction of safety with a different result than any evaluated previously in the plan		☐ YES ⊠ NO
	The changes have no effect on the design functions of an SSC. Therefor the possibility for a malfunction of an SSC important to safety with previously.		
7.	Does the proposed departure result in a design basis limit for a fission described in the plant-specific DCD being exceeded or altered?	product barrier as	☐ YES ⊠ NO
	There is no change to the design function of an SSC. Therefore, the pin a design basis limit for a fission product barrier as described in the		
8.	Does the proposed departure result in a departure from a method of ever the plant-specific DCD used in establishing the design bases or in the		☐ YES ☒ NO

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C	Document Number: APP-GW-GLN-131	Revision Number:	0
T	Title: Miscellaneous AP1000 Design Changes		
	The methods of evaluation for the SSCs described in the plant-specific departure.	c DCD are not altered b	y the proposed
\boxtimes	The answers to the evaluation questions above are "NO" and the proprequire prior NRC review to be included in plant specific FSARs as p Section VIII. B.5.b	•	
	One or more of the answers to the evaluation questions above are "Y NRC review.	ES" and the proposed c	hange requires
D.	IMPACT ON RESOLUTION OF A SEVERE ACCIDENT ISSUE		
	10 CFR Part 52, Appendix D, Section VIII. B.5.a. provides that an appreferences the AP1000 design certification may depart from Tier 2 infapproval, if it does not require a license amendment under paragraph I the criteria of B.5.c.	formation, without prior	·NRC
1.	Does the proposed activity result in an impact to features that mitigat the answer is Yes answer Questions 2 and 3 below.	e severe accidents. If	☐ YES ☒ NO
2.	Is there is a substantial increase in the probability of a severe accident severe accident previously reviewed and determined to be not credible?		☐ YES ☐ NO ☐ N/A
3.	Is there is a substantial increase in the consequences to the public of a accident previously reviewed?	particular severe	☐ YES ☐ NO ☐ N/A
\boxtimes	The answers to the evaluation questions above are "NO" or are not a from Tier 2 does not require prior NRC review to be included in plan Part 52, Appendix D, Section VIII. B.5.c		
	One or more of the he answers to the evaluation questions above are NRC review.	"YES" and the propose	d change require
Ξ.	SECURITY ASSESSMENT		
1.	Does the proposed change have an adverse impact on the security asse AP1000.	essment of the	☐ YES ⊠ NO
	The design changes will not alter barriers or alarms that control access the plant. The changes will not alter requirements for security personn	-	