

**SUBMITTAL OF SUPPRESSED KNOWLEDGE AND ABILITIES**

**STATEMENTS AND RECORD OF REJECTED K/As, ES-401-4**

**FOR THE CLINTON INITIAL EXAMINATION - JULY 2005**



An Exelon Company

Clinton Power Station  
R. R. 3, Box 228  
Clinton, IL 61727

U-603713  
January 31, 2005

U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road  
Lisle, IL 60532-4352  
ATTN: Roger Lanksbury

Clinton Power Station, Unit 1  
Facility Operating License No. NPF-62  
Docket No. 50-461

Subject: Submittal of Knowledge and Abilities (K/A) Statements That Will be Excluded  
From the Random Exam Generation Process

Enclosed are the K/A statements that have been excluded from the random exam generation process which Clinton Power Station (CPS) is submitting for review, comment, and approval for the Initial License Examination scheduled to start the week of July 11, 2005, for two weeks at CPS.

This letter is submitted for the K/A suppression as required by NUREG 1021, Revision 9, Supplement 1, "Operator Licensing Examination Standards for Power Reactors".

Should you have any questions concerning this letter, please contact Mr. G. D. Setser, Senior Training Instructor, at (217) 937-4122.

Respectfully,

W. S. Iliff  
Regulatory Assurance Manager  
Clinton Power Station

EET/blf

Enclosure: Suppressed K/A Statements

cc: Chief, NRC Operator Licensing Branch – w/o enclosure  
NRC Senior Resident Inspector - Clinton Power Station – w/o enclosure

FEB 07 2005

**NRC Exam Suppressed KAs Submittal for ILT Class 04-1, 2005**  
**Approved 1/26/05**

**Change Summary**

The following KA Statements have been changed from the last NRC Exam as follows:

**Reformatted**

1. Relabeled section **294001** to **Section 2.0 Generic Knowledge's and Abilities**, and moved from page 22 to the beginning of the list to reflect the organization of NUREG 1123, Rev. 2.

**Removed from the KA Suppressed list**

1. **202001            Recirculation System            A 2.23 Valve Closures**

This KA was removed previously due to an administrative error in the KA Title being corrected and the KA being accurate for Clinton Station.

**Added to Suppressed list**

1. **211000 Standby Liquid Control**

**A3.08 System Initiation: Plant Specific**

This KA is not relevant since Clinton does not have automatic SLC initiation and therefore the operator cannot be expected to monitor automatic initiation. The rest in the category are valid, because once initiated (manually) there are automatic things that happen and can be monitored.

2. **215001 Traversing In-Core Probe**

**A2.08 Failure to retract to shield: (Not-BWR 1)**

This KA is not relevant to Clinton because the task is not performed by Operations. The Reactor Engineers operate the TIP System. The TIPS are stored in the RPV and there is no containment isolations associated with them.

3. **295016            Control Room Abandonment**

**AA1.02            Reactor/turbine pressure regulating system**

This KA is not relevant to Clinton because the reactor/turbine pressure regulating system is not operated during Control Room Abandonment.

4. **295016            Control Room Abandonment**

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**AA2.05      Drywell pressure**

This KA is not relevant to Clinton because no psychometrically viable question could be developed in accordance with CPS procedures.

**5. 295036      Secondary Containment High Sump/Area Water Level**

**EK2.02      Post-accident sampling system: Plant Specific**

This KA is not relevant to Clinton because no relationship exists between a Secondary Containment High Sump / Area Water Level and the Post Accident Sampling System.

**6. 300000      Instrument Air System**

**K4.01      Manual /automatic transfers of control**

This KA is not relevant to Clinton because no psychometrically viable question could be developed in accordance with CPS procedures.

**7. 500000      High Containment Hydrogen Concentration**

**EK3.04      Emergency Depressurization**

This KA is being suppressed because Clinton does not perform Emergency Depressurization due to a high containment hydrogen condition.

## ***Clinton Power Station Suppressed KAs***

### ***Section 2.0 Generic Knowledges and Abilities***

<b><i>KA #</i></b>	<b><i>KA Statement</i></b>	<b><i>Basis For Suppression</i></b>
2.2.3	(multi-unit) Knowledge of the design, procedural, and operational differences between units.	Clinton is a single-unit facility
2.2.4	(multi-unit) Ability to explain the variations in control board layouts, systems, instrumentation and procedural actions between units at a facility.	Clinton is a single-unit facility

### ***201001 Control Rod Drive Hydraulic System***

<b><i>KA #</i></b>	<b><i>KA Statement</i></b>	<b><i>Basis For Suppression</i></b>
A1.04	Head spray flow: BWR-3	Clinton is a BWR 6 and does not have this configuration
K1.04	Head spray: BWR-3	Clinton is a BWR 6 and does not have this configuration
K1.05	Feedwater (or reactor water cleanup)-CRD return to vessel: Plant-Specific	CRD does not return to the vessel through Feedwater or Reactor Water Cleanup.
K3.04	Head spray: BWR-3	Clinton is a BWR 6 and does not have this Configuration

### ***201002 Reactor Manual Control System***

<b><i>KA #</i></b>	<b><i>KA Statement</i></b>	<b><i>Basis For Suppression</i></b>
A1.01	CRD drive water flow	Clinton is a BWR 6 and does not utilize this system.
A1.02	Control rod position	Clinton is a BWR 6 and does not utilize this system.
A1.03	Rod movement sequence lights	Clinton is a BWR 6 and does not utilize this system.
A1.04	Overall reactor power	Clinton is a BWR 6 and does not utilize this system.
A1.05	Local reactor power	Clinton is a BWR 6 and does not utilize this system.
A2.01	Rod movement sequence timer malfunctions	Clinton is a BWR 6 and does not utilize this system.
A2.02	Rod drift alarm	Clinton is a BWR 6 and does not utilize this system.
A2.03	Select block	Clinton is a BWR 6 and does not utilize this system.
A2.04	Control rod block	Clinton is a BWR 6 and does not utilize this system.
A3.01	Control rod block actuation	Clinton is a BWR 6 and does not utilize this system.
A3.02	Rod movement sequence lights	Clinton is a BWR 6 and does not utilize this system.
A3.03	Rod drift alarm	Clinton is a BWR 6 and does not utilize this system.
A3.04	Rod movement sequence timer malfunction alarm: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
A4.01	Rod movement control switch	Clinton is a BWR 6 and does not utilize this system.
A4.02	Emergency in/notch override switch	Clinton is a BWR 6 and does not utilize this system.
A4.03	Rod drift test switch	Clinton is a BWR 6 and does not utilize this system.
A4.04	Timer malfunction test switch: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
A4.05	Rod select matrix	Clinton is a BWR 6 and does not utilize this system.
A4.06	Rod select matrix power switch	Clinton is a BWR 6 and does not utilize this system.
K1.01	Control rod drive hydraulic system	Clinton is a BWR 6 and does not utilize this system.
K1.02	Control rod and drive mechanism	Clinton is a BWR 6 and does not utilize this system.
K1.03	Control rod block interlocks/power operation refueling	Clinton is a BWR 6 and does not utilize this system.

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**201002      *Reactor Manual Control System(Cont)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.04	Rod block monitor: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.05	Rod worth minimizer: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.06	Rod sequence control system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.07	Process computer: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.08	Refueling interlocks: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K2.01	Select matrix	Clinton is a BWR 6 and does not utilize this system.
K2.02	CRD HCU directional control valves	Clinton is a BWR 6 and does not utilize this system.
K3.01	Ability to move control rods	Clinton is a BWR 6 and does not utilize this system.
K3.02	Rod block monitor: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.03	Ability to process rod block signals	Clinton is a BWR 6 and does not utilize this system.
K4.01	Detection of sequence timer malfunction	Clinton is a BWR 6 and does not utilize this system.
K4.02	Control rod blocks	Clinton is a BWR 6 and does not utilize this system.
K4.03	Detection of drifting control rods	Clinton is a BWR 6 and does not utilize this system.
K4.04	Single notch rod withdrawal and insertion	Clinton is a BWR 6 and does not utilize this system.
K4.05	Notch override rod withdrawal	Clinton is a BWR 6 and does not utilize this system.
K4.06	Emergency In rod insertion	Clinton is a BWR 6 and does not utilize this system.
K4.07	Timing of rod insert and withdrawal cycles (rod movement sequence timer)	Clinton is a BWR 6 and does not utilize this system.
K4.08	Continuous In rod insertion	Clinton is a BWR 6 and does not utilize this system.
K6.01	Select matrix power	Clinton is a BWR 6 and does not utilize this system.

**201004      *Rod Sequence Control System (Plant Specific)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.01	Reactor manual control system: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A2.01	Loss of rod position information: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A2.02	Attempting to move a stuck control rod: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A2.03	Turbine trip: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A3.01	Rod select switch light: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A3.02	Rod select bottom lamp dimmer logic: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A3.03	Back panel indicators: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A3.04	Annunciator and alarm signals: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A3.05	Verification of proper function/ operability: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A4.01	System bypass switches: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A4.02	RSCS console switches and indicators: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
A4.03	RSCS back panel switches and indicators: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K1.01	Reactor manual control system: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K1.02	Turbine generator system: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K1.03	Rod position information system: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K1.04	Rod worth minimizer: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K3.01	Reactor manual control: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K4.01	Select blocks: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K4.02	Insert rod blocks: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K4.03	Withdraw rod blocks: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K4.04	RSCS bypass as reactor power increases: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K4.05	Rod movement, direction, and selection information: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.

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**201004      *Rod Sequence Control System (Plant Specific)(Cont)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K4.06	Group notch control: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K4.07	Minimizing rod worth: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K5.01	Prevention of clad damage if a control rod drop accident (CRDA) occurs: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K5.02	Sequences and groups: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K5.03	Group notch control limits and rod density: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K6.01	Rod position information: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K6.02	Rod direction information: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K6.03	Rod movement information: BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.
K6.04	Turbine generator (1st stage shell pressure): BWR-4, 5	Clinton is a BWR-6 and does not utilize this system.

**201006      *Rod Worth Minimizer System (RWM) (Plant Specific)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.01	Rod position: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A1.02	Status of control rod movement blocks: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A1.03	Latched group indication: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A2.01	Power supply loss: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A2.02	Loss of steam flow input: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A2.03	Rod drift: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A2.04	Stuck rod: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A2.05	Out of sequence rod movement: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A2.06	Loss of reactor water level control input: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A2.07	RWM hardware/software failure: P-Spec(Not-BWR6)	Clinton is a BWR-6 and does not utilize this system.
A3.01	System window and light indication: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A3.02	Verification of proper functioning/ operability: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A3.03	Annunciator and alarm signals: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A3.04	Control rod movement blocks: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A3.05	Latched group indication: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A4.01	System bypass switch: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A4.02	Pushbutton indicating switches: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A4.03	Latched group indication: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A4.04	Rod withdrawal error indication: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A4.05	Rod insert error indication: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
A4.06	Selected rod position indication: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K1.01	Reactor manual control: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K1.02	Rod position indication system: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K1.03	Reactor water level control (feed flow): P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K1.04	Steam flow/reactor power: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K1.05	Control rod drop accident: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K1.06	Rod sequence control system: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K1.07	Process computer: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.

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**201006      *Rod Worth Minimizer System (RWM) (Plant Specific(Cont))***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.08	Reactor power (turbine first stage pressure): P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K2.01	Rod worth minimizer: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K3.01	Reactor manual control system: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K4.01	Insert blocks/errors: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K4.02	Withdraw blocks/errors: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K4.03	Select blocks/errors: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K4.04	System bypass: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K4.05	Substitute rod position data: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K4.06	Correction of out of sequence rod positions: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K4.07	Display of out of position control rods without rod blocks (transition zone): P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K4.08	System testing: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K4.09	System initialization: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.01	Minimize clad damage if a control rod drop accident (CRDA) occurs: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.02	Low power set point: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.03	Low power alarm point (LPAP): P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.04	Transition zone: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.05	High power set point: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.06	Rod groups and steps: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.07	Latch groups: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.08	Operating sequence: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.09	Select error: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.10	Withdraw error: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.11	Insert error: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.12	Withdraw block: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.13	Insert block: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K5.14	Alternate withdraw and insert limits: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K6.01	RWM power supply: P-Spec(Not-BWR6)	Clinton is a BWR-6 and does not utilize this system.
K6.02	Reactor water level control input: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K6.03	Rod position indication: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K6.04	Process computer: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.
K6.05	Steam flow input: P-Spec(Not-BWR6)	Clinton is a BWR 6 and does not utilize this system.

**202001      *Recirculation System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A2.09	Recirculation scoop tube lockup: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.14	Rod block monitor: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.24	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K2.05	MG set oil pumps: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.02	Load following capabilities: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.12	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K4.08	Oil pump automatic starts: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.



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**202002      *Recirculation Flow Control System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A2.05	Scoop tube lockup: BWR-2, 3, 4	Clinton is a BWR 6 and does not utilize this system.
A3.03	Scoop tube operation: BWR-2, 3, 4	Clinton is a BWR 6 and does not utilize this system.
A4.06	Scoop tube power: BWR-2, 3, 4	Clinton is a BWR 6 and does not utilize this system.
K4.01	Scoop tube break: Plant-Specific	Clinton is a BWR 6 and does utilize this system.
K4.04	Automatic load following: Plant-Specific	Clinton does not utilize this function.
K4.08	Automatic flow control valve positioning: BWR-5, 6	Clinton does not utilize this function.
K5.01	Fluid coupling: BWR-3, 4	Clinton is a BWR 6 and does not utilize this configuration.

**203000      *RHR/LPCI: Injection Mode (Plant Specific)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A2.15	Loop selection logic failure: Plant-Specific	Clinton is a BWR 6 and does not utilize this configuration.
A3.07	Loop selection: Plant-Specific	Clinton is a BWR 6 and does not utilize this configuration.
A4.12	Condensate storage tank level: Plant-Specific	Clinton is a BWR 6 and does not utilize this function.
A4.14	Testable check valves	Clinton is a BWR 6 and does not utilize this configuration.
K1.05	Recirculation system: BWR-3, 4	Clinton is a BWR 6 and does not utilize this configuration.
K4.11	Loop selection logic: Plant-Specific	Clinton is a BWR 6 and does not utilize this configuration.
K5.01	Testable check valve operation	Clinton is a BWR 6 and does not utilize this configuration.

**204000      *Reactor Water Cleanup System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A2.02	Pressure control valve failure: LP-RWCU	Clinton utilizes a HP RWCU system.
A3.01	System pressure downstream of the pressure regulating valve: LP-RWCU	Clinton utilizes a HP RWCU system.
K4.08	Reducing reactor pressure upstream of low pressure piping: LP-RWCU	Clinton utilizes a HP RWCU system.

**205000      *Shutdown Cooling System (RHR Shutdown Cooling Mode)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A2.11	Recirculation pump trips: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.09	Auxiliary steam supply: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.11	Nitrogen: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.12	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K6.07	Nitrogen: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

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**206000      *High Pressure Coolant Injection System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.01	Reactor water level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A1.02	Reactor pressure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A1.03	Condensate storage tank level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A1.04	Suppression pool level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A1.05	Suppression pool temperature: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A1.06	System flow: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A1.07	System discharge pressure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A1.08	System lineup: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A1.09	Turbine speed: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.01	Turbine trips: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.02	Valve closures: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.03	Valve openings: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.04	A.C. failures: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.05	D.C. failures: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.06	Inadequate system flow: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.07	Low suppression pool level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.08	High suppression pool temperature: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.09	Low condensate storage tank level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.10	System isolation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.11	Low reactor water level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.12	Loss of room cooling: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.13	Loss of applicable plant air systems: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.14	Flow controller failure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.15	Loss of control oil pressure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.16	High drywell pressure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A2.17	HPCI inadvertent initiation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A3.01	Turbine speed: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A3.02	System Flow: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A3.03	System lineup: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A3.04	Reactor pressure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A3.05	Reactor water level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A3.06	System discharge pressure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A3.07	Lights and alarms: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A3.08	Condensate storage tank level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A3.09	Response to system isolation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.01	Turbine speed controls: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.02	Flow controller: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.03	Turbine temperatures: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.04	Major system valves: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.05	Reactor water level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.06	Reactor pressure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.07	Condensate storage tank level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.08	Suppression pool temperature: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.09	Suppression pool level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.10	System pumps: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.

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**206000      *High Pressure Coolant Injection System(Cont)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A4.11	Turning gear: BWR-2, 3, 4(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
A4.12	Turbine trip controls: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.13	Turbine reset control: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
A4.14	System auto start control: BWR-2, 3, 4(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
K1.01	Reactor vessel: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.02	Reactor water level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.03	Reactor pressure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.04	Reactor feedwater system: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.05	Condensate storage system: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.06	Suppression chamber: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.07	D.C. power: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.08	A.C. power: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.09	ECCS keep fill system: BWR-2, 3, 4(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
K1.10	Condensate storage and transfer system: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.11	PCIS: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.12	Nuclear boiler instrumentation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.13	Main condenser: BWR-2, 3, 4(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
K1.14	SBGT: BWR-2, 3, 4(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
K1.15	Plant air systems: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K1.16	Containment/Torus pressure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K2.01	System valves: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K2.02	System pumps: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K2.03	Initiation logic: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K2.04	Turbine control circuits: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K3.01	Reactor water level control: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K3.02	Reactor pressure control: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K3.03	Suppression pool level control: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.01	Turbine trips: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.02	System isolation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.03	Resetting turbine trips: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.04	Resetting system isolations: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.05	Preventing water hammer in turbine exhaust line (procedural control): BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.06	Preventing water hammer in pump discharge line (procedural control): BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.07	Automatic system initiation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.08	Manual system initiation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.09	Automatic flow control: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.10	Surveillance for all operable components: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.11	Turbine speed control: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.12	Condensation of shaft sealing steam: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.13	Turbine and pump lubrication: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.14	Control oil to turbine speed controls: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.15	Low speed turning of the turbine rotor: BWR-2, 3, 4(P-Spec)	Clinton is a BWR-6 and does not utilize this system.

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***High Pressure Coolant Injection System(Cont)***

<b><i>KA #</i></b>	<b><i>KA Statement</i></b>	<b><i>Basis For Suppression</i></b>
K4.16	Minimizing fission product concentration in the condensate storage tank (valve closures on system initiation): BWR-2, 3, 4(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
K4.17	Protection against draining the condensate storage tank to the suppression pool: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.18	Pump minimum flow: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K4.19	Automatic transfer of HPCI pump suction: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K5.01	Turbine operation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K5.02	Turbine shaft sealing: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K5.03	GEMAC controllers: BWR-2, 3, 4(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
K5.04	Indications of pump cavitation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K5.05	Turbine speed control: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K5.06	Turbine speed measurement: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K5.07	System venting: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K5.08	Vacuum breaker operation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K5.09	Testable check valve operation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K5.10	Assist core cooling: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K6.01	Plant air systems: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K6.02	D.C. power: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K6.03	A.C. power: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K6.04	Condensate storage tank level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K6.05	Suppression pool level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K6.06	SBGTS: BWR-2, 3, 4(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
K6.07	ECCS keep fill system: BWR-2, 3, 4(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
K6.08	Reactor pressure: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K6.09	Condensate storage and transfer system: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K6.10	PCIS: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K6.11	Nuclear boiler instrumentation: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.
K6.12	Reactor water level: BWR-2, 3, 4	Clinton is a BWR-6 and does not utilize this system.

**207000 Isolation (Emergency) Condenser**

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**207000 Isolation (Emergency) Condenser(Cont)**

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K3.01	Reactor pressure control during conditions in which the reactor vessel is isolated: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K3.02	Reactor water level (EPG's address the isolation condenser as a water source): BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K4.01	Isolation of the system in the event of a line break: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K4.02	Automatic initiation: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K4.03	Filling of the system: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K4.04	Steam and condensate flow indication: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K4.05	Detection of a tube bundle leak: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K4.06	Throttling of system flow: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K4.07	Manual operation of the system: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K4.08	Protection against incomplete steam condensation (condensate outlet valve does not fully open): BWR-2,3,(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
K5.01	Flow measurement across an elbow using differential pressure: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K5.02	Heat exchanger operation: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K5.03	Heat transfer: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K5.04	Latent heat of vaporization: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K5.05	Saturated steam: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K5.06	Saturated liquid: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K5.07	Temperature sensing: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K5.08	Level indicator operation: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K5.09	Cooldown rate: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K5.10	System venting: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K6.01	Demineralized water system: BWR-2, 3(P-Spec)	Clinton is a BWR-6 and does not utilize this system.
K6.02	Fire protection/service water system: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K6.03	Condensate transfer system: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K6.04	Plant air systems: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K6.05	Primary containment isolation system: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K6.06	Recirculation system: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K6.07	A.C. power: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.
K6.08	D.C. power: BWR-2, 3	Clinton is a BWR-6 and does not utilize this system.

**209001 Low Pressure Core Spray System**

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A2.11	Loss of fire protection: BWR-1	Clinton is a BWR-6 and does not utilize this feature.
A4.06	Testable check valves	Clinton does not utilize this function.
A4.14	Containment level: BWR-1	Clinton is a BWR-6 and does not utilize this feature.
K5.06	Recirculation operation: Plant-Specific(BWR-1)	Clinton is a BWR-6 and does not utilize this feature.
K6.09	Fire protection: BWR-1	Clinton is a BWR-6 and does not utilize this feature.

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**209002      *High Pressure Core Spray System (HPCS)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A4.06	Testable check valve: BWR-5, 6	Clinton removed this function.
K1.13	Instrument nitrogen: BWR-5, 6	Clinton is a BWR 6 and does not utilize this configuration.

**211000      *Standby Liquid Control System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A3.08	System initiation: Plant Specific	Clinton is a BWR 6 and does not utilize this function
K1.10	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K4.09	Dampening of positive displacement pump discharge oscillations (accumulators): Plant-Specific	Clinton is a BWR 6 and does not utilize this configuration.
K5.05	Accumulator operation: Plant-Specific	Clinton is a BWR 6 and does not utilize this configuration.
K6.05	HPCI system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**212000      *Reactor Protection System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.01	RPS motor-generator output voltage	Clinton is a BWR 6 and does not utilize this system.
A1.02	RPS motor-generator output amps	Clinton is a BWR 6 and does not utilize this system.
A1.03	RPS motor-generator output frequency: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
A1.09	Individual relay status: Plant-Specific	Clinton is a BWR 6 and utilizes a solid state system.
A2.01	RPS motor-generator set failure	Clinton is a BWR 6 and does not utilize this system.
A2.19	Partial system activation (half-SCRAM)	Clinton is a BWR 6 and does not utilize this system.
A2.21	Failure of individual relays to reposition: Plant-Specific	Clinton is a BWR 6 and utilizes a solid state system.
A3.02	Individual system relay status: Plant-Specific	Clinton is a BWR 6 and utilizes a solid state system.
A4.03	Provide manual select rod insertion: Plant-Specific	Clinton is a BWR 6 and does not utilize this function.
A4.08	Individual system relay status: Plant-Specific	Clinton is a BWR 6 and utilizes a solid state system.
K2.01	RPS motor-generator sets	Clinton is a BWR 6 and does not utilize this system.
K4.06	Select rod insertion: Plant-Specific	Clinton is a BWR 6 and does not utilize this function.

**214000      *Rod Position Information System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.01	RWM: Plant-Specific	Clinton is a BWR-6 and does not utilize this system.
K1.02	RSCS: Plant-Specific	Clinton is a BWR-6 and does not utilize this system.
K1.04	RMCS: Plant-Specific	Clinton is a BWR 6 and does not utilize this function.
K3.01	RWM: Plant-Specific	Clinton is a BWR-6 and does not utilize this system.
K3.02	RSCS: Plant-Specific	Clinton is a BWR-6 and does not utilize this system.
K3.03	RMCS: Plant-Specific	Clinton is a BWR 6 and does not utilize this function.

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**215001      *Traversing In-Core Probe***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.03	Valve status: Mark-I&II(Not-BWR1)	Clinton is a BWR 6 and does not utilize this configuration.
A2.01	Low reactor water level: Mark-I&II(Not-BWR1)	Clinton is a BWR 6 and does not utilize this configuration.
A2.02	High primary containment pressure: Mark-I&II(Not-BWR1)	Clinton is a BWR 6 and does not utilize this configuration.
A2.06	Valve closures: Mark-I&II(Not-BWR1)	Clinton is a BWR 6 and does not utilize this configuration.
A2.07	Failure to retract during accident conditions: Mark-I&II(Not-BWR1)	Clinton is a BWR 6 and does not utilize this configuration
A2.08	Failure to retract to shield (Not BWR 1)	Clinton is a BWR 6 and does not utilize this configuration
A3.03	Valve operation: Not-BWR1	Clinton is a BWR 6 and does not utilize isolation valves.
A4.03	Isolation valves: Mark-I&II(Not-BWR1)	Clinton is a BWR 6 and does not utilize this configuration.
K1.03	Nitrogen purge system: P-Spec(Not-BWR1)	Clinton does not utilize nitrogen purge for TIPS.
K2.01	Shear valves: Mark-I&II(Not-BWR1)	Clinton is a BWR 6 and does not utilize this configuration.
K4.01	Primary containment isolation: Mark-I&II(Not-BWR1)	Clinton is a BWR 6 and does not utilize this configuration.
K6.04	Primary containment isolation system: Mark-I&II(Not-BWR1)	Clinton is a BWR 6 and does not utilize this configuration.

**215002      *Rod Block Monitor System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.01	Trip reference: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A2.01	Withdrawal of control rod in high power region of core: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A2.02	Loss or reduction in recirculation system flow (flow comparator): BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A2.03	Loss of associated reference APRM channel: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A2.04	Power supply losses: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A2.05	RBM high or inoperable: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A3.01	Four rod display: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A3.02	Meters and recorders: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A3.03	Alarm and indicating lights: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A3.04	Verification or proper functioning/ operability: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A3.05	Back panel meters and indicating lights: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A3.06	Transfer to alternate APRM when referenced APRM bypassed: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A4.01	IRM/RBM recorder/switch: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A4.02	RBM back panel switches, meters and indicating lights: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A4.03	Trip bypasses: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
A4.04	Push to Check pushbutton: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
A4.05	Setup pushbutton: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.



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**215002      *Rod Block Monitor System(Cont)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A4.06	Surveillance testing: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K1.01	APRM: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K1.02	LPRM: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K1.03	Reactor manual control: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K1.04	Recirculation system: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K1.05	Four rod display: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K1.06	Control rod selection: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K1.07	IRM: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K2.01	RBM channels: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K2.02	Recorders: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K2.03	APRM channels: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K3.01	Reactor manual control system: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K3.02	Limiting control rod pattern: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K4.01	Prevent control rod withdrawal: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K4.02	Allows stepping up of rod block setpoint: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K4.03	Initiation point (30%): BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K5.01	Trip reference selection: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K5.02	Null sequence control: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K6.01	RPS: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K6.02	Instrument power: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K6.03	Essential power: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K6.04	APRM reference channel: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.
K6.05	LPRM detectors: BWR-3, 4, 5	Clinton is a BWR 6 and does not utilize this system.

**215003      *Intermediate Range Monitor (IRM) System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.02	Reactor manual control	Clinton is a BWR 6 and does not utilize this system.
K3.02	Reactor manual control	Clinton is a BWR 6 and does not utilize this system.

**215004      *Source Range Monitor (SRM) System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.02	Reactor manual control	Clinton is a BWR 6 and does not utilize this system.
K3.02	Reactor manual control: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**215005      *Average Power Range Monitor/Local Power Range Monitor***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.03	RBM: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.10	Reactor manual control system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.03	Reactor manual control system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

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**216000      *Nuclear Boiler Instrumentation***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.14	High pressure coolant injection: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.15	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.14	High pressure coolant injection: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.15	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**219000      *RHR/LPCI: Torus/Suppression Pool Cooling Mode***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.09	Suppression chamber air temperature: Plant-Specific	Clinton is a BWR 6 and does not have a suppression chamber.
K1.07	Condensate transfer	This system does not serve any purpose for suppression pool cooling.
K6.07	Condensate transfer	This system is not utilized for this function.

**223001      *Primary Containment System and Auxiliaries***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.11	Reactor building to suppression chamber differential pressure: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
A1.12	Moisture concentration	Clinton is a BWR 6 and does not utilize this system.
A3.06	Drywell/suppression chamber differential pressure: Mark-I,II	Clinton is a BWR 6 and does not utilize this system.
A4.02	ACAD compressors: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
A4.10	Drywell nitrogen makeup: Mark-I,II	Clinton is a BWR 6 and does not utilize this system.
K1.15	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.17	Reactor building HVAC: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.18	Drywell pneumatic compressors: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K2.02	Drywell compressors	Clinton is a BWR 6 and does not utilize this system.
K2.03	Pumpback compressors: Plant-Specific	Clinton is a BWR 6 and does not utilize this component.
K3.10	Containment/drywell moisture content	Clinton is a BWR 6 and does not utilize this system.
K5.15	Moisture content measurement: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**223002      *Primary Containment Isolation System/Nuclear Steam Supply***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.04	High pressure coolant injection: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.05	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.13	Traversing in-core probe system	Clinton utilizes a TIP system inside the primary containment.
K1.18	Reactor building drainage system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.22	Containment nitrogen inerting system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.04	Reactor building radiation level	Clinton is a BWR 6 and does not utilize this system.
K3.12	High pressure coolant injection: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.13	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.21	Traversing in-core probe system	Clinton utilizes a TIP system inside the primary containment.
K3.24	Reactor building drainage system	Clinton is a BWR 6 and does not utilize this system.

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**223002      *Primary Containment Isolation System/Nuclear Steam Supply (Cont)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K3.28	Containment nitrogen inerting system	Clinton is a BWR 6 and does not utilize this system.

**226001      *RHR/LPCI: Containment Spray System Mode***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.03	Suppression chamber pressure: Mark-I-II	Clinton is a BWR 6 and does not utilize this system.
A1.04	Suppression pool temperature: Mark-I-II	Clinton is a BWR 6 and does not utilize this system.
A2.19	Low (or negative) suppression chamber pressure during system operation: Mark-I-II	Clinton is a BWR 6 and does not utilize this system.
A4.15	Suppression chamber pressure: Mark-I-II	Clinton is a BWR 6 and does not utilize this system.
K1.06	Condensate transfer	Clinton is a BWR 6 and does not utilize this system.
K1.09	Drywell (spray penetration): Mark-I-II	Clinton is a BWR 6 and does not utilize this system.
K1.12	Suppression pool (spray penetration): Plant-Specific	Clinton is a BWR 6 and does not utilize this suppression pool spray.
K6.06	Condensate transfer	Clinton is a BWR 6 and does not utilize this system.
K6.09	Reactor building to suppression chamber vacuum breakers: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K6.10	Suppression chamber to drywell vacuum breakers: Mark-1-II	Clinton is a BWR 6 and does not utilize this system.

**230000      *RHR/LPCI: Torus/Suppression Pool Spray Mode***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.01	Suppression chamber pressure	Clinton is a BWR 6 and does not utilize this system.
A1.02	Suppression pool temperature	Clinton is a BWR 6 and does not utilize this system.
A1.03	Drywell pressure	Clinton is a BWR 6 and does not utilize this system.
A1.04	System flow	Clinton is a BWR 6 and does not utilize this system.
A1.05	System pressure	Clinton is a BWR 6 and does not utilize this system.
A1.06	Suppression pool level	Clinton is a BWR 6 and does not utilize this system.
A1.07	Condensate storage tank level	Clinton is a BWR 6 and does not utilize this system.
A1.08	Motor amps	Clinton is a BWR 6 and does not utilize this system.
A1.09	Emergency generator loading	Clinton is a BWR 6 and does not utilize this system.
A1.10	System lineup	Clinton is a BWR 6 and does not utilize this system.
A1.11	Suppression chamber air temperature	Clinton is a BWR 6 and does not utilize this system.
A2.01	Inadequate net positive suction head	Clinton is a BWR 6 and does not utilize this system.
A2.02	Pump trips	Clinton is a BWR 6 and does not utilize this system.
A2.03	Valve closures	Clinton is a BWR 6 and does not utilize this system.
A2.04	Valve openings	Clinton is a BWR 6 and does not utilize this system.
A2.05	A.C. electrical failures	Clinton is a BWR 6 and does not utilize this system.
A2.06	D.C. electrical failures	Clinton is a BWR 6 and does not utilize this system.
A2.07	Emergency generator failure	Clinton is a BWR 6 and does not utilize this system.
A2.08	Pump seal failure	Clinton is a BWR 6 and does not utilize this system.
A2.09	Inadequate room cooling	Clinton is a BWR 6 and does not utilize this system.
A2.10	Nuclear boiler instrument failures	Clinton is a BWR 6 and does not utilize this system.
A2.11	Motor operated valve failures	Clinton is a BWR 6 and does not utilize this system.
A2.12	Valve logic failure	Clinton is a BWR 6 and does not utilize this system.
A2.13	High suppression pool level	Clinton is a BWR 6 and does not utilize this system.

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**230000 RHR/LPCI: Torus/Suppression Pool Spray Mode(Cont)**

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A2.14	Low (or negative) suppression pool pressure during system operation	Clinton is a BWR 6 and does not utilize this system.
A2.15	Loss of coolant accident	Clinton is a BWR 6 and does not utilize this system.
A2.16	Loss of, or inadequate, heat exchanger cooling flow	Clinton is a BWR 6 and does not utilize this system.
A3.01	Valve operation	Clinton is a BWR 6 and does not utilize this system.
A4.01	Pumps	Clinton is a BWR 6 and does not utilize this system.
A4.02	Spray valves	Clinton is a BWR 6 and does not utilize this system.
A4.03	Keep fill system	Clinton is a BWR 6 and does not utilize this system.
A4.04	Minimum flow valves	Clinton is a BWR 6 and does not utilize this system.
A4.05	Heat exchanger cooling flow	Clinton is a BWR 6 and does not utilize this system.
A4.06	Valve logic reset following automatic initiation of LPCI/RHR in injection mode	Clinton is a BWR 6 and does not utilize this system.
A4.07	System flow	Clinton is a BWR 6 and does not utilize this system.
A4.08	Pump/system discharge pressure	Clinton is a BWR 6 and does not utilize this system.
A4.09	Indicating lights and alarms	Clinton is a BWR 6 and does not utilize this system.
A4.10	Condensate storage tank level	Clinton is a BWR 6 and does not utilize this system.
A4.11	System venting	Clinton is a BWR 6 and does not utilize this system.
A4.12	Suppression pool level	Clinton is a BWR 6 and does not utilize this system.
A4.13	Suppression chamber pressure	Clinton is a BWR 6 and does not utilize this system.
A4.14	Suppression pool temperature	Clinton is a BWR 6 and does not utilize this system.
A4.15	Drywell pressure	Clinton is a BWR 6 and does not utilize this system.
A4.16	The override for suppression pool spray valve logic	Clinton is a BWR 6 and does not utilize this system.
K1.01	Suppression pool	Clinton is a BWR 6 and does not utilize this system.
K1.02	Condensate storage and transfer system	Clinton is a BWR 6 and does not utilize this system.
K1.03	LPCI/RHR piping	Clinton is a BWR 6 and does not utilize this system.
K1.04	LPCI/RHR pumps	Clinton is a BWR 6 and does not utilize this system.
K1.05	A.C. electrical	Clinton is a BWR 6 and does not utilize this system.
K1.06	Keep fill system	Clinton is a BWR 6 and does not utilize this system.
K1.07	D.C. electrical	Clinton is a BWR 6 and does not utilize this system.
K1.08	Nuclear boiler instrumentation	Clinton is a BWR 6 and does not utilize this system.
K1.09	Reactor building drain system	Clinton is a BWR 6 and does not utilize this system.
K1.10	Component cooling water systems	Clinton is a BWR 6 and does not utilize this system.
K2.01	Valves	Clinton is a BWR 6 and does not utilize this system.
K2.02	Pumps	Clinton is a BWR 6 and does not utilize this system.
K3.01	Suppression chamber pressure	Clinton is a BWR 6 and does not utilize this system.
K3.02	Suppression pool temperature	Clinton is a BWR 6 and does not utilize this system.
K3.03	Drywell pressure	Clinton is a BWR 6 and does not utilize this system.
K3.04	Suppression chamber air temperature	Clinton is a BWR 6 and does not utilize this system.
K4.01	Surveillance for all operable components	Clinton is a BWR 6 and does not utilize this system.
K4.02	Redundancy	Clinton is a BWR 6 and does not utilize this system.
K4.03	Unintentional reduction in vessel injection flow during accident conditions	Clinton is a BWR 6 and does not utilize this system.
K4.04	Prevention of piping overpressurization	Clinton is a BWR 6 and does not utilize this system.
K4.05	Pump minimum flow protection	Clinton is a BWR 6 and does not utilize this system.
K4.06	Pump motor cooling	Clinton is a BWR 6 and does not utilize this system.
K4.07	Prevention of water hammer	Clinton is a BWR 6 and does not utilize this system.
K4.08	Adequate pump net positive suction head	Clinton is a BWR 6 and does not utilize this system.

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**230000      *RHR/LPCI: Torus/Suppression Pool Spray Mode(Cont)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K4.09	Spray flow cooling	Clinton is a BWR 6 and does not utilize this system.
K4.10	Prevention of leakage to the environment through system heat exchanger	Clinton is a BWR 6 and does not utilize this system.
K5.01	System venting	Clinton is a BWR 6 and does not utilize this system.
K5.02	Pump cavitation	Clinton is a BWR 6 and does not utilize this system.
K5.03	Pressure measurement	Clinton is a BWR 6 and does not utilize this system.
K5.04	Evaporative cooling	Clinton is a BWR 6 and does not utilize this system.
K5.05	Convective cooling	Clinton is a BWR 6 and does not utilize this system.
K5.06	Heat exchanger operation	Clinton is a BWR 6 and does not utilize this system.
K5.07	Vacuum breaker operation	Clinton is a BWR 6 and does not utilize this system.
K6.01	A.C. electrical	Clinton is a BWR 6 and does not utilize this system.
K6.02	D.C. electrical	Clinton is a BWR 6 and does not utilize this system.
K6.03	Emergency generator	Clinton is a BWR 6 and does not utilize this system.
K6.04	Keep fill system	Clinton is a BWR 6 and does not utilize this system.
K6.05	Suppression pool	Clinton is a BWR 6 and does not utilize this system.
K6.06	Condensate storage and transfer system	Clinton is a BWR 6 and does not utilize this system.
K6.07	ECCS room cooling	Clinton is a BWR 6 and does not utilize this system.
K6.08	Nuclear boiler instrumentation	Clinton is a BWR 6 and does not utilize this system.
K6.09	Reactor building to suppression pool vacuum breakers	Clinton is a BWR 6 and does not utilize this system.
K6.10	Component cooling water systems	Clinton is a BWR 6 and does not utilize this system.

**233000      *Fuel Pool Cooling and Clean-up***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.07	Condensate system: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K1.11	Reactor building drainage system: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K6.05	Condensate system	Clinton is a BWR 6 and does utilize this configuration.

**234000      *Fuel Handling Equipment***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.04	Reactor manual control system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.01	Reactor manual control system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K6.02	Reactor manual control system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**239001      *Main and Reheat Steam System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.18	High pressure coolant injection: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.21	Isolation condenser system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.10	High pressure coolant injection system: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.12	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.14	Residual heat removal system: Plant-Specific	Clinton does not utilize this function.
K5.07	Hydraulic operated MSIV's	Clinton is a BWR 6 and does not utilize this system.

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**239002      *Relief/Safety Valves***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.06	Drywell instrument air/ drywell pneumatics: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.09	Drywell pressure (for safety valves which discharge to the drywell airspace): Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**241000      *Reactor/Turbine Pressure Regulating System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A3.15	Recirculation pump flow control: Plant-Specific	Clinton is a BWR 6 and there is no tie to this system.
K1.15	D.C. electrical power	DC does not supply power to this system.
K1.23	Recirculation flow control system: Plant-Specific	Clinton is a BWR 6 and there is no tie to this system.
K1.37	Turbine stress evaluator: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.21	Recirculation flow control system: Plant-Specific	Clinton is a BWR 6 and there is no tie to this system.
K4.11	Load following: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K4.12	Recirculation flow control: Plant-Specific	Clinton is a BWR 6 and there is no tie to this system.
K5.01	Accumulator operation: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K5.07	Unitized actuator operation: Fermi-Only	Clinton is a BWR 6 and does not utilize this system.
K6.04	Recirculation flow control system: Plant-Specific	Clinton is a BWR 6 and there is no tie to this system.

**245000      *Main Turbine Generator and Auxiliary Systems***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K2.03	Amplidyne: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K2.05	Air seal oil pumps: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**256000      *Reactor Condensate System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.03	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.12	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.14	RHR (LPCI): Plant-Specific	Clinton does not utilize this function.
K1.17	ECCS keep fill system: Plant-Specific	Clinton does not utilize this function from reactor condensate.
K3.05	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K3.07	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K4.01	Condensate and/or booster pump auto start: Plant-Specific	Clinton does not have an auto start on the CD/CB pumps.
K4.08	Dedicated ECCS water supply: Plant-Specific	Clinton does not utilize this function from reactor condensate.

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**259001      *Reactor Feedwater System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A3.11	Reactor feedpump runbacks: Plant-Specific	Clinton does not utilize this function.
K1.02	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.18	Fire protection system (emergency cooling): Plant-Specific	Clinton does not utilize this function through reactor feedwater.
K1.19	Redundant reactivity control system: Plant-Specific	Clinton does not utilize this function.
K3.03	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K4.10	Feedpump runbacks: Plant-Specific	Clinton does not utilize this function.

**259002      *Reactor Water Level Control System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.06	Feedwater string(s) selected for FWCI: FWCI	Clinton is a BWR 6 and does not utilize this system.
A2.08	Receipt of an ECCS initiation signal: FWCI	Clinton is a BWR 6 and does not utilize this system.
A2.09	FWCI system failure alarm: FWCI	Clinton is a BWR 6 and does not utilize this system.
A3.08	FWCI system initiation: FWCI	Clinton is a BWR 6 and does not utilize this system.
A4.08	Manually initiate FWCI: FWCI	Clinton is a BWR 6 and does not utilize this system.
K1.07	Rod worth minimizer: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.10	Emergency generator(s): FWCI/HPCI	Clinton is a BWR 6 and does not utilize this system.
K1.11	Drywell pressure: FWCI/HPCI	Clinton is a BWR 6 and does not utilize this system.
K1.12	Emergency condensate transfer pump: FWCI/HPCI	Clinton is a BWR 6 and does not utilize this system.
K1.16	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K2.02	Feedwater coolant injection (FWCI) initiation logic: FWCI/HPCI	Clinton is a BWR 6 and does not utilize this system.
K3.03	Rod worth minimizer: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K4.02	Bypassing of the RWM: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K4.07	TDRFP 20% power interlock: TDRFP	Clinton does not utilize this function.
K4.15	Automatic initiation of the feedwater system upon receipt of an ECCS initiation signal: FWCI/HPCI	Clinton is a BWR 6 and does not utilize this system.
K4.16	Dedication of feedwater string(s) to ECCS: FWCI/HPCI	Clinton is a BWR 6 and does not utilize this system.
K5.08	Heat removal mechanisms: FWCI	Clinton is a BWR 6 and does not utilize this system.
K5.09	Adequate core cooling: FWCI	Clinton is a BWR 6 and does not utilize this system.
K6.07	Drywell pressure input: FWCI	Clinton is a BWR 6 and does not utilize this system.

**261000      *Standby Gas Treatment System***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.05	Primary containment oxygen level: Mark-I&II	Clinton is a BWR 6 and does not utilize this configuration.
A1.06	Drywell and suppression chamber differential pressure: Mark-I	Clinton is a BWR 6 and does not utilize this configuration.
A4.05	Drywell to suppression chamber/torus differential pressure: Mark-I,II	Clinton is a BWR 6 and does not utilize this configuration.
K1.06	High pressure coolant injection system: Plant-Specific	Clinton is a BWR 6 and does not utilize this configuration.
K3.03	Primary containment pressure: Mark-I&II	Clinton is a BWR 6 and does not utilize this configuration.
K3.04	High pressure coolant injection system:	Clinton is a BWR 6 and does not utilize this

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**261000      *Standby Gas Treatment System(Cont)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
	Plant-Specific	configuration.
K3.06	Primary containment oxygen content: Mark-I&II	Clinton is a BWR 6 and does not utilize this configuration.

**262002      *Uninterruptible Power Supply (A.C./D.C.)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.02	Motor generator outputs	Clinton is a BWR 6 and does utilize this configuration.
A2.04	Abnormal battery operation: BWR-1	Clinton is a BWR-6 and does not utilize this feature.
K1.04	Reactor manual control: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K1.07	Rod worth minimizer: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K1.09	Drywell ventilation control: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K1.10	Fire protection system: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K1.13	Recirculation pump speed control: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K1.15	Stack gas monitors: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K1.20	Plant communications equipment: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K3.02	Recirculation pump speed: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K3.04	Fire protection system: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K3.05	Rod worth minimizer: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K3.09	Drywell ventilation control: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K5.02	General principles of motor generator operation: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.
K5.03	General principles of inertia fly wheel operation: Plant-Specific	Clinton is a BWR 6 and does utilize this configuration.

**264000      *Emergency Generators (Diesel/Jet)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
A1.07	Gas generator temperature: Plant-Specific	Clinton does not use jet engines to power emergency generators.
A1.08	Gas generator speed: Plant-Specific	Clinton does not use jet engines to power emergency generators.
K2.03	Turning gear (jet engine): Plant-Specific	Clinton does not use jet engines to power emergency generators.
K2.04	Ignition system (jet engine): Plant-Specific	Clinton does not use jet engines to power emergency generators.
K6.04	Turning gear (jet engine): Plant-Specific	Clinton does not use jet engines to power emergency generators.
K6.05	Ignition system (jet engine): Plant-Specific	Clinton does not use jet engines to power emergency generators.



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**271000      *Offgas System***

***KA #      KA Statement***

A2.07      Low oxygen injection flow: Plant-Specific  
K1.08      Oxygen injection system: Plant-Specific  
K5.05      Oxygen concentration measurement  
K6.06      Oxygen injection system: Plant-Specific  
K6.13      Plant exhaust: BWR-1

***Basis For Suppression***

Clinton does not utilize this function.  
Clinton does not utilize this function.  
Clinton does not utilize this function.  
Clinton does not utilize this function.  
Clinton is a BWR-6 and does not utilize this feature.

**272000      *Radiation Monitoring System***

***KA #      KA Statement***

A3.11      Circulating water system blowdown isolations:  
                 Plant-Specific  
K1.06      Reactor building ventilation system: Plant-Specific  
  
K1.07      Isolation condenser: Plant-Specific  
K1.12      Reactor building  
K1.15      Filter building: Plant-Specific

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
  
Clinton is a BWR 6 and does not utilize this configuration.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.

**286000      *Fire Protection System***

***KA #      KA Statement***

A1.06      Tank Pressure: Plant - Specific  
A2.04      Applicable component cooling water system failure:  
                 Plant-Specific  
A4.02      Applicable component cooling water system:  
                 Plant-Specific  
A4.03      Applicable component cooling water pressure  
  
K1.01      Component cooling water systems  
  
K1.02      Isolation condenser: Plant-Specific  
K1.06      Auxiliary (boiler) steam system: Plant-Specific  
K1.08      Intake canals: Plant-Specific  
K5.08      Gas refrigeration: Plant-Specific  
K6.03      Applicable component cooling water system:  
                 Plant-Specific

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system  
The only component cooled is the Fire Pumps which  
*are self cooled.*  
The only component cooled is the Fire Pumps which  
*are self cooled.*  
The only component cooled is the Fire Pumps which  
*are self cooled.*  
The only component cooled is the Fire Pumps which  
*are self cooled.*  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
The only component cooled is the Fire Pumps which  
*are self cooled.*

**288000      *Plant Ventilation Systems***

***KA #      KA Statement***

K3.02      Reactor building temperature: Plant-Specific  
K3.05      Reactor building pressure: Plant-Specific

***Basis For Suppression***

Clinton is a BWR 6 and does utilize this configuration.  
Clinton is a BWR 6 and does utilize this configuration.

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**290001      *Secondary Containment***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.01	Reactor building ventilation: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.08	Exhaust stack: BWR-2, 3, 4	Clinton is a BWR 6 and does not utilize this system.
K1.10	Auxiliary boiler system: BWR-2, 3, 4	Clinton is a BWR 6 and does not utilize this system.
K5.01	Vacuum breaker operation: BWR-4	Clinton is a BWR 6 and does not utilize this configuration.
K5.02	Flow measurement: BWR-3	Clinton is a BWR 6 and does not utilize this configuration.
K6.01	Reactor building ventilation: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K6.07	Auxiliary boiler system: BWR-3, 4	Clinton is a BWR 6 and does not have this Configuration

**290002      *Reactor Vessel Internals***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.04	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K1.07	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K6.10	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
K6.12	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**290003      *Control Room HVAC***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.02	Chlorine ammonia detectors: Plant-Specific	Clinton does not utilize this component.

**295001      *Partial or Complete Loss of Forced Core Flow Circulation***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
AA1.03	RMCS: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
AA1.08	Standby liquid control: BWR-1	Clinton is a BWR-6 and does not utilize this feature.
AK2.05	LPCI loop select logic: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
AK2.08	Standby liquid control: BWR-1	Clinton is a BWR-6 and does not utilize this feature.

**295002      *Loss of Main Condenser Vacuum***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
AK3.08	Recirculation system run-backs: Plant-Specific	Clinton does not utilize this function.

**295003      *Partial or Complete Loss of A.C. Power***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
AK2.05	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
AK3.07	Initiation of isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**295004      *Partial or Complete Loss of D.C. Power***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
AK1.01	Automatic load shedding: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

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**295005      *Main Turbine Generator Trip***

***KA #      KA Statement***

AK2.09      Feedwater-HPCI: BWR-2  
AK3.08      Feedwater-HPCI actuation: BWR-2

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.

**295007      *High Reactor Pressure***

***KA #      KA Statement***

AA1.01      Isolation condenser: Plant-Specific  
AA1.02      HPCI: Plant-Specific  
AK3.01      Isolation condenser operation: Plant-Specific  
AK3.02      HPCI operation: Plant-Specific

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.

**295008      *High Reactor Water Level***

***KA #      KA Statement***

AA1.04      HPCI: Plant-Specific  
AK1.04      Containment integrity: Allis-Chalmers  
AK2.05      HPCI: Plant-Specific  
AK3.05      HPCI turbine trip: Plant-Specific

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.

**295010      *High Drywell Pressure***

***KA #      KA Statement***

AA1.03      Nitrogen makeup: Plant-Specific  
AA2.04      Drywell humidity: Plant-Specific  
AK1.01      Downcomer submergence: Mark-I&II  
AK2.02      Drywell/suppression chamber differential pressure:  
Mark-I&II  
AK2.04      Nitrogen makeup system: Plant-Specific  
AK3.06      Termination of drywell inerting: Plant-Specific

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.

**295011      *High Containment Temperature (Mark III Containment Only)***

***KA #      KA Statement***

AA2.03      Containment humidity: Mark-III

***Basis For Suppression***

Clinton does not utilize humidity monitoring instrumentation for the containment.

**295012      *High Drywell Temperature***

***KA #      KA Statement***

AA2.03      Drywell humidity: Plant-Specific

***Basis For Suppression***

Clinton does not utilize humidity monitoring instrumentation for the containment.

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**295014      *Inadvertent Reactivity Addition***

<b>KA #</b>	<b>KA Statement</b>
AA1.03	RMCS: Plant-Specific
AK1.01	Prompt critical
AK2.08	RMCS: Plant-Specific

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Prompt criticality is addressed during fundamental training only.  
Clinton is a BWR 6 and does not utilize this system.

**295015      *Incomplete SCRAM***

<b>KA #</b>	<b>KA Statement</b>
AA1.03	RMCS: Plant-Specific
AA1.05	Rod worth minimizer: Plant-Specific
AA1.06	RSCS: Plant-Specific
AK2.02	RMCS: Plant-Specific
AK2.05	Rod worth minimizer: Plant-Specific
AK2.06	RSCS: Plant-Specific
AK2.09	RPIS

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this component.  
Clinton is a BWR-6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this component.  
Clinton is a BWR-6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.

**295016      *Control Room Abandonment***

<b>KA #</b>	<b>KA Statement</b>
AA1.02	Reactor/turbine pressure regulating system
AA1.09	Isolation/emergency condenser(s): Plant-Specific
AA2.05	Drywell pressure
AA2.07	Suppression chamber pressure

***Basis For Suppression***

Clinton is a BWR 6 and does utilize this function  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this function  
Clinton is a BWR 6 and does not utilize this system.

**295019      *Partial or Complete Loss of Instrument Air***

<b>KA #</b>	<b>KA Statement</b>
AK2.13	Isolation Condenser
AK2.17	High pressure coolant injection: Plant-Specific

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.

**295020      *Inadvertent Containment Isolation***

<b>KA #</b>	<b>KA Statement</b>
AK2.05	Isolation condenser: Plant-Specific
AK2.06	HPCI: Plant-Specific
AK2.08	Traversing In-core probes: Plant-Specific
AK3.08	Suppression chamber pressure response

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and Traversing In-Core Probes are inside Primary Containment.  
Clinton is a BWR 6 and does not utilize this system.

**295022      *Loss of CRD Pumps***

<b>KA #</b>	<b>KA Statement</b>
AK2.06	Shared components with other units: Plant-Specific

***Basis For Suppression***

Clinton is a single unit plant.

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**295023      *Refueling Accidents***

***KA #      KA Statement***

AK3.05      Initiation of SLC/shut-down cooling:  
Plant-Specific(BWR-1)

***Basis For Suppression***

Clinton is a BWR-6 and does not utilize this feature.

**295024      *High Drywell Pressure***

***KA #      KA Statement***

EA1.01      HPCI (FWCI): Plant-Specific  
EA1.11      Drywell spray: Mark-I&II  
EA1.12      Suppression pool spray: Mark-I&II  
EA1.21      Recirculation system (LPCI loop select logic):  
Plant-Specific  
EA2.04      Suppression chamber pressure: Plant-Specific  
EA2.05      Suppression chamber air-space temperature:  
Plant-Specific  
EK2.01      HPCI (FWCI): Plant-Specific  
EK2.11      Drywell spray (RHR) logic: Mark-I&II  
EK2.13      Suppression pool spray: Plant-Specific  
EK2.17      Auxiliary building isolation logic: Plant-Specific  
EK3.01      Drywell spray operation: Mark-I&II  
EK3.02      Suppression pool spray operation: Plant-Specific  
EK3.09      Auxiliary building isolation: Plant-Specific.

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
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Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.

**295025      *High Reactor Pressure***

***KA #      KA Statement***

EA1.04      HPCI: Plant-Specific  
EA1.06      Isolation condenser: Plant-Specific  
EA1.08      RRCS: Plant-Specific  
EK2.02      Isolation condenser: Plant-Specific  
EK2.03      RRCS: Plant-Specific  
EK2.06      HPCI: Plant-Specific  
EK3.03      HPCI operation: Plant-Specific  
EK3.04      Isolation condenser initiation: Plant-Specific  
EK3.07      RRCs initiation: Plant-Specific

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
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Clinton is a BWR 6 and does not utilize this system.  
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Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.

**295026      *Suppression Pool High Water Temperature***

***KA #      KA Statement***

EA1.02      Suppression pool spray: Plant-Specific  
EK2.02      Suppression pool spray: Plant-Specific  
EK2.03      Suppression chamber pressure: Mark-I&II  
EK3.03      Suppression pool spray: Plant-Specific

***Basis For Suppression***

Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.  
Clinton is a BWR 6 and does not utilize this system.

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**295028      *High Drywell Temperature***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
EA1.01	Drywell spray: Mark-I&II	Clinton is a BWR 6 and does not utilize this system.
EA2.05	Torus/suppression chamber pressure: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EA2.06	Torus/suppression chamber air space temperature: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EK2.01	Drywell spray: Mark-I&II	Clinton is a BWR 6 and does not utilize this system.
EK3.03	Drywell spray operation: Mark-I&II	Clinton is a BWR 6 and does not utilize this system.

**295029      *High Suppression Pool Water Level***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
EA1.01	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EK2.02	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**295030      *Low Suppression Pool Water Level***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
EA1.05	HPCI	Clinton is a BWR 6 and does not utilize this system.
EA2.04	Drywell/ suppression chamber differential pressure: Mark-I&II	Clinton is a BWR 6 and does not utilize this system.
EK2.01	HPCI: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EK3.02	HPCI operation: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**295031      *Reactor Low Water Level***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
EA1.02	High pressure (feedwater) coolant injection: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EA1.09	Isolation condenser: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EK2.06	High pressure (feedwater) coolant injection (FWCI/HPCI): Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**295035      *Secondary Containment High Differential Pressure***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
EK2.04	Blow-out panels: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EK3.01	Blow-out panel operation: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**295036      *Secondary Containment High Sump/Area Water Level***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
EK2.02	Post-accident sampling system: Plant Specific	Clinton is a BWR 6 and does not utilize this function.

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**295037      *SCRAM Condition Present and Reactor Power Above APRM***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
EA1.02	RRCS: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EA1.07	RMCS: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EK2.02	RRCS: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EK2.11	RMCS: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.
EK2.14	RPIS: Plant-Specific	Clinton is a BWR 6 and does not utilize this system.

**295038      *High Off-Site Release Rate***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
EA1.05	Post accident sample system (PASS): Plant-Specific	The PASS system is not operated nor monitored by licensed operators at Clinton.

**300000      *Instrument Air System (IAS)***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
K1.01	Sensor air	Clinton is a single unit plant which does use this configuration.
K2.02	Emergency air compressor	Clinton does not utilize this component.
K3.03	Cross-tied units	Clinton is a single unit plant which does use this configuration.
K4.01	Manual/automatic transfers of control	Clinton does not utilize this function
K5.04	Service air refusal valve	Clinton does not utilize this component.
K6.04	Service air refusal valve	Clinton is a single unit plant which does use this configuration.

**500000      *High Containment Hydrogen Concentration***

<b>KA #</b>	<b>KA Statement</b>	<b>Basis For Suppression</b>
EA1.05	Wetwell sprays	Clinton is a BWR 6 and does not utilize this system.
EA1.06	Drywell sprays	Clinton is a BWR 6 and does not utilize this system.
EA1.07	Nitrogen purge system	Clinton is a BWR 6 and does not utilize this system.
EA2.04	Combustible limits for wetwell	Clinton is a BWR 6 and does not utilize this system.
EK2.06	Wetwell Spray system	Clinton is a BWR 6 and does not utilize this system.
EK2.08	Wet Well vent system	Clinton is a BWR 6 and does not utilize this system.
EK2.09	Drywell nitrogen purge system	Clinton is a BWR 6 and does not utilize this system.
EK3.04	Emergency Depressurization	Clinton does not perform Emergency Depressurization due to a high containment hydrogen condition
EK3.05	Operation of wet well (suppression pool) sprays	Clinton is a BWR 6 and does not utilize this system.
EK3.06	Operation of wet well vent	Clinton is a BWR 6 and does not utilize this system.
EK3.08	Operation of drywell nitrogen purge system	Clinton is a BWR 6 and does not utilize this system.

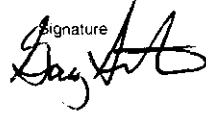
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**Exam Developer**

Printed Name

Gary Setser

Signature



Date

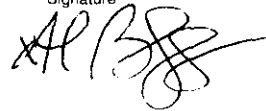
1/26/05

**Operation Training Manager**

Printed Name

Al. Bailey

Signature



Date

1/26/05.

**Facility Representative**

Printed Name

PK RYAN

Signature



Date

1/27/05



Tier / Group	Randomly Selected K/A	Reason for Rejection
2/2 RO	202001A4.06	CPS has no RR Pump oil pumps; KA should be suppressed. Replaced with 202001A4.01.
2/1 RO	262001A2.09	CPS design features and procedures do not support a question that can be written with sufficient discrimination validity. Replaced with 262001A2.01.
2/1 RO	205000A1.04	CPS procedures do not support this KA. Replaced with 205000A1.05.
2/1 RO	215003K1.04	CPS design has no operationally meaningful connection between IRMs and plant process computer systems. Replaced with 215003K1.06.
1/1 RO	295021AK3.01	Already used the only operationally valid tie to this KA on another exam question (#37). Replaced with 295021AK3.04.
1/1 RO	295024EK2.05	CERT Exam has already used the only available operating concept for this KA. Replaced with 295024EK2.08.
1/1 RO	295030EA1.04	CERT Exam has already used the only available operating concept for this KA. Replaced with 295030EA1.06.
1/1 RO	295037EA2.02	Can't avoid overlap with Operating Exam. Replaced with 295037EA2.06.
1/1 RO	295038EA2.03	CERT Exam has already used the only available operating concept for this KA. Replaced with 295038EA2.01.
1/1 RO	600000AK1.01	CPS design features and procedures do not support a question that can be written with sufficient discrimination validity. Replaced with 60000AK1.02.
1/2 RO	295032EK3.02	CPS design features and procedures do not support a question that can be written with sufficient discrimination validity. Replaced with 295032EK3.03.
3 RO	2.1.17	Can't avoid overlap with Operating Exam. Replaced with 2.1.30.
3 RO	2.4.48	Can't avoid overlap with Operating Exam. Replaced with 2.4.43.
2/1 RO	300000K5.01	CERT Exam has already used the only available operating concept for this KA. Replaced with 300000K5.1.
1/1 SRO	295019AA2.01	CERT Exam has already used the only available operating concept for this KA. Replaced with 295019AA2.02.
1/1 SRO	295037G2.1.33	CPS procedures do not support a question that relates an ATWS with Tech Spec entry conditions, while providing sufficient discrimination validity. Replaced with 295037G2.1.20.
1/2 SRO	500000EA2.02	Already used the only operationally valid tie to this KA, regardless of RO/SRO or SRO-ONLY, on another exam question (#51). Replaced with 500000EA2.03.
2/1 SRO	259002A2.04	CPS procedures do not support this KA. Replaced with 259002A2.06.
2/2 SRO	202001A2.11	This KA lacks operational validity; once level is this low, operating procedures are no longer concerned with mitigating a loss of RR Pump NPSH. Replaced with 202001A2.04.
2/2 SRO	234000K5.05	CPS procedures do not support SRO ONLY knowledge for this KA. Replaced with 234000G2.1.32.
3 SRO	2.3.9	RO exam outline already selected this KA. Replaced with 2.3.1.
3 SRO	2.1.33	All available material used on other questions. Replaced with 2.1.34.
3 SRO	2.4.22	CERT Exam has already used the only available operating concept for this KA. Replaced with 2.4.41
1/1 SRO	295019AA2.02	CERT Exam has already used the only available operating concept for this KA. Replaced with 295003AA2.04
1/1 SRO	295037G2.1.20	Combination of CERT Exam and other questions on this NRC Exam has already used all available operating concepts from which a discriminating question can be framed. Replaced with 295031G2.1.20

2/1 SRO	259002A2.06	Cannot develop an SRO-ONLY question for the 2 <sup>nd</sup> part of this 'A2' KA. Replaced with 239002A2.03
3 SRO	2.1.33	After the CERT Exam and other questions on this NRC Exam, there is nothing remaining for an SRO-ONLY question tied to this KA. Replaced with 2.1.34.
3 SRO	2.4.22	CERT Exam used the only operating concept from which an SRO-ONLY question can be framed. Replaced with 2.4.41.
1/2 RO	295012AK1.02	Cannot write a discriminating question that proposes an operational relationship between High Drywell Temp and Reactor Power Level that is consistent with CPS operating procedures and Management expectations. Replaced with 295002AK2.02
2/2 RO	201003K5.06	Current CPS fuel types and loadings produce 'real-plant' reactivity responses that do not entirely agree with the Generic Fundamentals concepts from which such an ILT question would have to be produced. Validators identified this inconsistency. Replaced with 201005K5.10