

The Light Company

Houston Lighting & Power, P.O. Box 1700, Houston, Texas 77001 (713) 228-9211

April 29, 1987
ST-HL-AE-2135
File No.: 002

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Allegation No. 4-86-A

Reference: (a) J. Gagliardo (NRC) letter M. R. Wisenberg (HL&P)
dated March 31, 1987

Reference (a) forwarded a number of allegations which had been received by the NRC and requested that HL&P conduct an investigation and inform the NRC of the results.

The allegations represent additional items similar in nature to a number which had previously been received from this individual by SAFETEAM. I am taking this opportunity to provide information on all the items we have received, in order to present a complete report to the NRC.

~~_____~~ SAFETEAM received a number of items of concern from this individual. The results of the SAFETEAM investigation of those items are summarized in Enclosure I.

Enclosure II contains the results of the SAFETEAM investigation into other items which had been provided to Bechtel by this individual. Enclosure III contains the results of the SAFETEAM investigation into the items forwarded by the NRC. There are a large number of items in Enclosures II and III which are duplicates of items previously investigated and described in Enclosure I. These duplicates are identified with an asterisk. Taken as a whole, the enclosures represent the HL&P evaluation and disposition of all of this individual's items of concern which have been brought to our attention.

The engineering evaluation of these items was based upon an analysis of accessibility, maintainability, function or purpose of the installation, and anticipated radiation levels. With few exceptions, the existing installations were determined to be acceptable. Corrective action was or is planned to be taken for those exceptions. Some of the installations determined to be acceptable may be modified at some time in the future for reasons other than those related to the allegor's concern. Reasons for possible later modifications include design changes, changes in anticipated radiation levels, and future requests from the Plant Operations organization. We do not plan to update the enclosures to reflect this subsequent activity.

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Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 6 & 7(C)
FOIA- 90-361

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Houston Lighting & Power Company

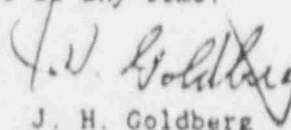
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The results of our evaluation of these concerns enables us to conclude that none of them would have had an effect upon safe operation of the plant, the health and safety of the public, nor cause abnormal radiation exposure to plant personnel.

The methodology utilized and the conclusions of our evaluation have been reviewed by an independent organization. That independent review concurred with both our methodology and our conclusions.

The items of concern identified on Enclosures I, II, and III have been categorized. For each category we have identified the routine programmatic actions which we undertake to identify valid concerns of this nature. It has come to our attention that this individual continues to assert that numerous other similar items exist at the South Texas Project Electric Generating Station. We are confident that additional valid items, if any, will be identified during these routine programmatic activities, and are also confident that our conclusions regarding plant safety will not change.

The detailed records of the SAFETEAM investigations into these concerns, as well as the results of the independent review, are available for examination by members of the NRC staff at any time.



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Group Vice President, Nuclear

JEG/MRW/sd

Enclosures

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bcc: Regular BCC without Enclosure

SAFETEAM CONCERN NO. 11227

ENCLOSURE I
TOTAL PAGES 16

SAFETEAM CONCERN WALKDOWN SUMMARY

CONCERNS IDENTIFIED TO SAFETEAM

DATED: 4-23-87

SOUTH TEXAS NUCLEAR PROJECT
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 SAFETEAM CONCERN WALKDOWN SUMMARY
 =====

ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION ; WILL BE UNDERTAKEN
** A			
A000	Locations of violations of minimum bend radius on flexible electrical conduit.		
A001	RCB 1 / El. 6'+ / Room #103 \Tag # on conduit - N1XC2BRSB53 tag # on junction box which conduit runs into - ZSC 3655	X	
A002	RCB 1 / El. -11' \Tag # on conduit - N1XC1DBX286 tag # adjacent to conduit - ED-LT-7B11 - Adjacent to secondary Sump 1A.	X	
A003	MEAB 1 / El. 31' / Room #106A \On conduit leading to limit torque motor operated valve in passageway on CCP return line Q2 657-CC-8S.		X
A004	MEAB 1 / El. 10' / Room #035 \Flexible conduit too short on instrument B1CV-TSH-0024B.	X	
A005	MEAB 1 / El. 10' / Room #035 \Flexible conduit on instrument #C1CV-TSH-0023B violates bend radius.	X	
A006	MEAB 1 / El. 19' / Room #079B \Flexible conduit to limit switch #N1CV-ZSC-0201 violates bend radius.		X
A007	MEAB 1 / El. 19' / Room #079A \Flexible conduit to micro switch #CV02 N1CV-FCV-202 violates bend radius.	X	
** B			
B000	Locations / Identity of inaccessible items.		
B001	RCB 1 / El. 6'+ / Room #103 \The control valving on the level control tank is located 12' off the floor out over a drop-off. There is no access ladder.	X	
B002	RCB 1 / El. -11' / Room #007 \Access to the valve gallery in room #007 is obstructed by the stairway in the hallway outside room #007. The steps should be moved out to provide access & reduce exposure to radiation.	X	

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		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
B003	RCB 1 / EI. -2' / Ring Duct Plenum Chamber The hand rail around the ran platform is welded in place. It should be attached with slip joints to provide mono-rail access.	X	
B004	RCB 1 / EI. -2' / Room #109 / RHR Pump #1A The pressure indicator is inaccessible. It should be outside room #109 in the access room.	X	
B005	RCB 1 / EI. -2' / Room #109 There is no access to pump packing gland for inspection and maintenance.	X	
B006	RCB 1 / EI. -2' / Room #109 The pump drain suction line is inaccessible on the far side of the room from door opening.	X	
B007	RCB 1 / EI. -2' / Room #109 Electrical conduit between the motor and the access hatch would interfere with motor or pump removal.	X	
B008	RCB 1 / EI. -2' / Room #110 The pressure monitoring gauge is inaccessible and should be in the access room.	X	
B009	RCB 1 / EI. -2' / Room #110 The drain line is inaccessible on the back side of the pump.	X	
B010	RCB 1 / EI. -2' / Room #110 An instrument and line mounted on the pump between the pump and the access hatch blocks pump removal access.	X	
B011	RCB 1 / Room #104 / RHR Pump #1C The location of the drainage valve would impede motor or pump removal.	X	
B012	RCB 1 / EI. 19' / Room #202 The process flow orifice manifold is inaccessible. The manifold is near flange 1CV03FOZ S.P. 1.11.	X	

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		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
B013	RCB 1 / El. 19' / Room #202 \The air operated solenoid/control instrument should be in the entry way. It is directly in Room #202.	X	
B014	RCB 1 / El. 19' / RCP Loop B - Suction Side \Valve #1R141T-RC-0058B is installed too close to a concrete pillar base, & allows very limited access for maintenance & repair. (azimuth 225 degrees)	X	
B015	RCB 1 / El. 19' / RCP Loop B \Valve #2R141T-RC-0059B is installed too close to guide conduit for an instrument line to instrument #B1RCFT0429. There is no accessibility to valve. (azimuth 230 degrees)	X	
B016	RCB 1 / El. 19' / At column "C/23" \Valve #1R141T-RC-0057D is located too close to concrete pillar base to allow maintenance access.	X	
B017	RCB 1 / El. 19' / Azimuth 45 degrees \Hanger #RC-1321-HS5001 interferes with removal of valve seat and manual operation of let down isolation valve #RC-085 CV CF. Additional valve #'s 2R171XCV254A, 1R141X-RC-0085.		X
B018	RCB 1 / El. 28' / Near Cont. Penetration M75 \Containment isolation valve #2R371T-PO-0217 is located too close to an I-beam for accessibility and operation. (azimuth 40 degrees)		X
B019	MEAB 1 / El. 10' / Room #053C \Instrumentation is hidden behind the tank. The pressure gauge should be outside of Room #053C.	X	
B020	MEAB 1 / El. 10' / Room #053C \The isolation valve to the strainer is inaccessible.		X

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		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
B021	MEAB 1 / Room #053C \Access to the strainer screen is difficult due to tank supports.		X
B022	MEAB 1 / Room #053C \A valve handle on a one inch line hits against the concrete wall.		X
B023	MEAB 1 / Room #053C \The packing gland and coupling on the pump next to the wall are inaccessible.	X	
B024	MEAB 1 / Room #053C \The thermal indicator on the tank faces the wall and is inaccessible.	X	
B025	MEAB 1 / Room #053C \The flow indicators are inaccessible.	X	
B026	MEAB 1 / Room #053C \The isolation valve for the tank level indicating instrument is too close to the tube rack.	X	
B027	MEAB 1 / Room #053C \The drain valve downstream of the orifice on the discharge side of pump #7R201NPA111A is inaccessible.	X	
B028	MEAB 1 / Room #053C \The tank vent is inaccessible and would require a ladder.	X	
B029	MEAB 1 / El. 10' / Adjacent to Room #025 \The strainer manifold and valve under the Fisher control valve is inaccessible and will be more inaccessible after it is insulated. (PPM tag #V-15410)	X	
B030	MEAB 1 / El. 10' / Adjacent to Room #025 \The instrument blowdown is not accessible to a drain.	X	
B031	MEAB 1 / El. 10' / Adjacent to Room #025 \Instrument #A1AS-TSH-8838A should be out in the hallway. (#14926-4335 item 16.0)	X	
B032	MEAB 1 / # El. 22' / Opposite Room #078 \Above stairway a 2" gate valve against the wall is inaccessible for operation or maintenance.	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION I WILL BE UNDERTAKEN
B033	MEAB 1 / Room #077 \A 1" angle valve off of hanger #BR 1041 HF 5001 is inaccessible in an extremely hot area.	X	
B034	MEAB 1 / EI. 10' / Room #023 \An instrument primary valve, a process valve, and vent valves (all small bore) are inaccessible in an extremely hot radiation area.	X	
B035	MEAB 1 / EI. 10' / At Columns C and 31 \An 8" fire main valve is inaccessible for maintenance and operations. A hanger obstructs the valve operation.	X	
B036	MEAB 1 / EI. 10' / Room #067A \A 1" stainless steel angle valve on a 1" process line is hard against an 8" fire main and inaccessible for operation or maintenance.	X	
B037	MEAB 1 / EI. 10' / Room #052 \A bearing cooling water supply line to pump #7R321 NPA114B blocks access to pump and valve operation and maintenance in a very hot area.	X	
B038	MEAB 1 / EI. 10' / Outside Room #052 \The valving and pumps behind LWPS seal water panel #9R301ZLP710/N1WLZLP710 are inaccessible for operation and maintenance.	X	
B039	MEAB 1 / EI. 10' / Room #052B \The room is congested and instruments, valving, and an electrical panel are inaccessible.	X	
B040	MEAB 1 / EI. 10' / Room #057 \Six valves on 1" lines near the ceiling are inaccessible.	X	
B041	MEAB 1 / EI. 10' / Room #058A \The pump suction drain valve is inaccessible.	X	
B042	MEAB 1 / EI. 10' / Room #059 \The instrument gauges are inaccessible.	X	
B043	MEAB 1 / EI. 10' / Room #059B \Valve #P30-1-FV-4035 and the strainer next to it are inaccessible (off hanger #WL1140 HF 5002)	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION ! WILL BE UNDERTAKEN
B044	MEAB 1 / EI. 10' / Room #061 \An instrument blocks access to filter #7R301TWL0644.	X	
B045	MEAB 1 / EI. 10' / Room #061 \Conduit out of terminal box #N1WLTB0441 blocks passageway access to filter #7R301T WL 0664. The contents of the filter could be hot.	X	
B046	MEAB 1 / EI. 10' / Room #061 \There is no access to valving on top of tanks.	X	
B047	MEAB 1 / EI. 10' / Room #071 \There is no access to valving on top of the tank. Some of the valves are remote operated.	X	
B048	MEAB 1 / EI. 10' / Room #050 \The valve station for the let down heat exchanger, serial #2312-1A, is inaccessible and on the wrong side of the heat exchanger.	X	
B049	MEAB 1 / EI. 10' / Room #049 \The service valve station in the back of the room is inaccessible.	X	
B050	MEAB 1 / EI. 10' / Room #044 \The service station valve in the corner of the room is inaccessible.	X	
B051	MEAB 1 / EI. 10' / Room #044 \A root valve and process Valve #1-1A-0803 are terminated in the corner and are inaccessible.	X	
B052	MEAB 1 / EI. 10' / Room #044 \A temperature indicator and valve off the HVAC chiller are not accessible. The temperature indicator faces the wall.	X	
B053	MEAB 1 / EI. 10' / Room #044 \The detector on the ceiling is in a difficult location.	X	
B054	MEAB 1 / EI. 10' / Room #044 \Instrument tubing vent valves are inaccessible behind the HVAC chiller.		X

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 =====

ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION ; WILL BE UNDERTAKEN
B055	MEAB 1 / El. 10' / Room #041 \Terminal box VIB MON C CHGR PP IBPRDR / N1VMBMYZ0011 blocks access to the back half of the room.	X	
B056	MEAB 1 / El. 10' / Room #041 \Instrument #N1HM-11-9372 is obstructed by flexible electrical conduit.	X	
B057	MEAB 1 / El. 10' / Room #041 \A 1" isolation valve to the 6"/4" pump suction is in an awkward location.	X	
B058	MEAB 1 / El. 10' / Room #041 \One 1/2" and one 1" bleed off valves to the left of Westinghouse motor are inaccessible for proper connection. They are located below the base of the motor.	X	
B059	MEAB 1 / El. 10' / Room #041 \The motor and pump are in an extremely difficult position for setting and alignment.	X	
B060	MEAB 1 / El. 10' / Room #037 \The valve off the pump head is facing the wrong direction for operation due to a poor piping arrangement at the north end of the pump.	X	
B061	MEAB 1 / El. 10' / Room #037 \Hanger #CV7518 HF-5001 off of the pump drain is a stupid design and causes access obstruction.	X	
B062	MEAB 1 / El. 10' / Room #035 \The service station is in the wrong location and blocks instrument #C1CV-TSH-0023B.	X	
B063	MEAB 1 / El. 10' / Room #035 \The instrument vent tubing valve in the far upper right hand corner of the room is inaccessible.	X	
B064	MEAB 1 / El. 19' / Room #079C \Solenoid valve #V-15169 in the back of the room is in the wrong location for maintenance. The valve should be relocated to the front left wall.	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
B065	MEAB 1 / El. 19' / Room #079C \The upstream double drain valves to control valve #C1CV-HCV-0218 are inaccessible.	X	
B066	MEAB 1 / El. 19' / Room #079C \A valve extension brace attaches to the wrong wall for room accessibility.	X	
B067	MEAB 1 / El. 19' / Room #079C \The service station is poorly located in the back of the room, and a blow down valve is jammed against the wall.	X	
B068	MEAB 1 / El. 19' / Room #079A \An instrument transmitter and a solenoid valve located in the back of the room are inaccessible.	X	
B069	MEAB 1 / El. 19' / Room #079A \4" orifice flanges are inaccessible.	X	
B070	MEAB 1 / El. 10' / Room #031 \The service station in the far right-hand corner of the room is totally inaccessible.	X	
B071	MEAB 1 / El. 10' / Room #031 \The transducer and solenoid valve to control valve #CV-0381A are inaccessible.	X	
B072	MEAB 1 / El. 10' / Room #031 \The angle valve at the primary instrument point off control valve #HCV-0387 is inaccessible. The angle valve is on the floor next to the floor drain, off a 4" line.	X	
** C			
C000	Locations of air operated control valves which could endanger personal safety.		
C001	RCB 1 / El. -11' / Room #007 \1 air operated control valve with exposed lugs.	X	
C002	MEAB 1 / El. 10' / Room #058B \1 air operated control valve with exposed lugs.	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
C003	MEAB 1 / El. 10' / Room #059 \9 air operated control valves with exposed lugs.	X	
C004	MEAB 1 / El. 10' / Room #061 \18 air operated control valves with exposed lugs.	X	
C005	MEAB 1 / El. 10' / Room #071 \9 air operated control valves with exposed lugs.	X	
C006	MEAB 1 / El. 10' / Room #053B \1 air operated control valve with exposed lugs.	X	
** D			
D000	Locations of mono-rail installations with interferences in paths of travel.		
D001	RCB 1 / El. -2' / Ring Duct Plenum Chamber \The mono-rail crane is too low to have clearance over the fan.	X	
D002	RCB 1 / Room #109 / RHR Pump #1A \There is a mono-rail to disassemble the motor but no mono-rail to remove the motor through the access hatch.	X	
D003	MEAB 1 / El. 10' / Room #058A \Hanger #WL1032 H 5001 and conduit N1XM1MRJ109 block the mono-rail accessibility for pump & motor removal in this very hot area.	X	
D004	MEAB 1 / El. 10' / Room #059 \An electrical conduit support blocks mono-rail access.	X	
D005	MEAB 1 / El. 10' / Room #059A \Piping blocks mono-rail access for pump removal.	X	
D006	MEAB 1 / El. 10' / Room #041 \Mono-rail is off center of equipment and access is blocked by supports.		X
** E			
E000	Locations of drainage problems in Unit 1.		

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ITEM #	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
E001	RCB 1 / El. -2' / Ring Duct Plenum Chamber \Drainage for ring duct plenum AC coil is inadequate. The ability to monitor drain stoppage is required.	X	
E002	MEAB 1 / El. 10' / Room #053C \The room threshold is higher than the pump motors. If the floor drain plugs up, the pumps and motor will be under water and will short out.	X	
** F			
F000	Locations of poorly supported or improperly supported items.		
F001	MEAB 1 / El. 10' / Room #053A \Air operators #FV4308 and #FV4308A are supported only with baling wire.	X	
F002	MEAB 1 / El. 10' / Room #059A \There are inadequate supports on the piping, filter, and pump in this room. (temporary hangers only)	X	
F003	MEAB 1 / El. 10' / Room #081 \Three air operated valves are supported only with rope and are vulnerable to damage.	X	
F004	MEAB 1 / El. 10' / Room #070 \The drain line and valve need support.	X	
F005	MEAB 1 / El. 10' / Room #71 \1 1/2" line to breathing air station No. 45 is unsupported and needs support.	X	
F006	MEAB 1 / El. 10' / Room #071 \Two air operated valves are supported only by rope and are vulnerable to damage.	X	
F007	MEAB 1 / El. 10' / Room #044 \The temperature indicator and valve off the HVAC chiller are temporarily supported with wire.	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEER INSTALLATION ACCEPTABLE	DISPOSITION CORRECTIVE ACTION { WILL BE UNDERTAKEN
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** G

G000 Locations of 2" pipe nozzle connections to tanks which require reinforcement.

G001 MEAB 1 / EI. 10' / Room #057 \A 2" line into the bottom of waste hold tank #1A requires reinforcement at point of entry into tank. (PPM #0845-18) X

G002 MEAB 1 / EI. 10' / Room #059 \A 2" pipe nozzle into the bottom of the check tank requires reinforcement at point of entry into tank. X

G003 MEAB 1 / EI. 10' / Room #059B \A 2" piping nozzle connection into the base of the tank requires reinforcement at the point of entry into tank. X

G004 MEAB 1 / EI. 10' / Room #061 \A 2" pipe nozzle into the bottom of the tank requires reinforcement at point of entry into tank. X

G005 MEAB 1 / EI. 10' / Room #071 \A 2" pipe nozzle into the base of the tank has partial reinforcement. The nozzle requires additional reinforcement. X

** H

H000 RCB 1/EI 19'/Azimuth 30 deg\Rigid hgr EWR F3245-SI-1320-HF5001 located near press release viv N1S1-PSV-3977/N12-1-PSV-3977 doesn't allow seismic action. Hgr, located at top of safety inject accum tank #2N121NRC101C, needs to have seismic motion capability

H001 X

** I

I000 Locations of cleanliness barrier (coating) violations.

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
1001	MEAB 1 / El. 10' / Room #053C \The pump motor grounding violates the cleanliness barrier at the point where it is anchored to the floor.	X	
1002	MEAB 1 / El. 10' / Room 058B \Electrical conduit is fastened to the floor.	X	
1003	MEAB 1 / El. 10' / Room #059B \Grounding conduit fastened to the floor inside the doorway violates the cleanliness barrier.	X	
1004	MEAB 1 / El. 10' / Room #061 \Electrical conduit is fastened to the floor inside the doorway.	X	
1005	MEAB 1 / El. 10' / Room #070 \Grounding conduit is attached to the floor in this very hot area.	X	
1006	MEAB 1 / El. 10' / Room #050 \Grounding conduit is fastened to the floor.	X	
1007	MEAB 1 / El. 10' / Room #049 \Conduit is fastened to the floor in three locations.	X	
1008	MEAB 1 / El. 10' / Room #041 \Conduit is fastened to the floor.	X	
1009	MEAB 1 / El. 10' / Room #037 \Grounding conduit is attached to the floor.	X	
1010	MEAB 1 / El. 10' / Room #079A \Conduit fastened to the floor violates the cleanliness barrier.	X	
1011	MEAB 1 / El. 10' / Room #080 \Conduit to transducer #N1CC-TY-4494 is fastened to the floor.	X	
1012	MEAB 1 / El. 10' / Outside Room #031 \Grounding conduit to MAB ventilation monitor #1/#N1RA-RT-B014 is attached to the floor.	X	

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		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION I WILL BE UNDERTAKEN
1013	MEAB 1 / E1. 10' / Room #053B \Grounding conduit attached to floor violates cleanliness barrier.	X	
1014	MEAB 1 / E1. 10' / Room #028 \Grounding conduit to sink is attached to the floor and violates the cleanliness barrier.	X	
** J			
J001	The individual believes room #031 on elevation 10' in MEAB Unit 1 has no permanent lighting.	X	
** K			
K001	The individual believes a rubber hose attached to control valve #CV-0381A will be affected by radiation. The hose is located in Room #031 on elevation 10' in MEAB Unit 1.	X	
** L			
L011	The individual believes two runs of rigid conduit to junction box #N1XM1GKSP57 are routed too low. Conduit is located in Room #080 on elevation 10' in MEAB 1.	X	
** M			
M001	Locations of remote valve extensions in contact with other items.		
M001	MEAB 1 / E1. 10' / Room #049 \The extension on the valve operator on valve #1-CD-0092/TCV-0381B hits against hanger #CV-1011-RH05.		X

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CONCERN 11227
SAFETEAM CONCERN WALKDOWN SUMMARY

ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN

M002 MEAB I/ EI. 19' / Room #070A \The extension on valve #1/CV-0254A hits against conduit #A1XM1GRU025. X

** N
N000 The individual believes the primary valves for the instruments on the section of loop between the steam generators and the Reactor Coolant Pumps should have a double valve configuration in lieu of the installed single valve configuration.

N001 X

** O
O000 The individual believes there is no oil reservoir drain valve for draining the system when working on the oil transfer pump in room #041 on elevation 10' of MEAB I.

O001 X

** P
P000 The individual believes a removable spool is required in lieu of the installed permanent spool in room #035 on elevation 10' in MEAB I. The installed permanent spool blocks mono-rail access to the tube bundle shell and piping.

P001 X

** Q
Q000 The individual believes the gearing mechanism of a remote valve extension is excessive. The valve is located in room #079C on elevation 19' in MEAB Unit I.

Q001 X

SOUTH TEXAS NUCLEAR PROJECT
CONCERN 11227
SAFETEAM CONCERN WALKDOWN SUMMARY

ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPC INSTALLATION CORRE ACCEPTABLE WILL P.	ION AKEN
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** R			
R000	The individual believes lines coming off an LWPS Seal Water Panel will contain radioactive water and require additional protection. Panel #9R301ZLP 710/N1WLZLP 710 is located outside room #052 on elevation 10' in MEAB Unit 1.		
R001		X	
** S			
S000	Locations of items which obstruct walkways and constitute trip hazards.		
S001	MEAB I / El. 10' / Room #053C \Drainpipes constitute a trip hazard.	X	
S002	MEAB I / El. 10' / Room #057 \Instrument line obstructs walkway.	X	
S003	MEAB I / El. 10' / Room #072 \3/4" stainless steel tubing to liquid waste processing system #N1RAPCC8038 constitutes a trip hazard and is vulnerable to breakage.	X	
S004	MEAB I / El. 10' / Room #049 \The sway strut to valve #1CV-MCY0133 on the 4" line obstructs the passageway.	X	
S005	MEAB I / El. 10' / Outside Room #031 \Grounding conduit to MAB ventilation monitor #1/NIRA-RT-8014 constitutes a trip hazard.	X	
** T			
T000	Locations of poorly routed flexible electrical conduit which are subject to damage.		
T001	RCB I / El. 19' / Azimuth 30 degrees \Flexible electrical conduit from Rosemount flow transmitter #C1-CC-FT-4570 is poorly routed and subject to damage. Conduit is located next to safety injection accumulator tank #2N121NRC101C.	X	

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SAFETEAM CONCERN WALKDOWN SUMMARY
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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN

=====

T002	MEAB 1 / EI. 10' / Room #041 \Electrical flexible conduits block access to valves located on back side of motor. Conduits are subject to damage.		X
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SAFETEAM CONCERN NO. 11445

ENCLOSURE II
TOTAL PAGES 8

SAFETEAM CONCERN WALKDOWN SUMMARY

CONCERNS IDENTIFIED TO BECHTEL PERSONNEL

DATED: 4-21-87

SOUTH TEXAS NUCLEAR PROJECT
CONCERN 11445
SAFETEAM CONCERN WALKDOWN SUMMARY
* - Duplicate To Item On Enclosure 1

ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
RO01 MEAB 1 / EL. 10' / ROOM 064	REMOVAL OF THE CHILL WATER PUMP MOTOR, ID NO. 1MOF1533-G8-TK, WOULD BE BLOCKED BY THE CONDUIT WHICH DROPS IN FRONT OF THE MOTOR.	X	
RO02 MEAB 1 / EL. 10' / ROOM 064	GROUNDING CONDUITS ON THE FLOOR FORM CONTAMINATION TRAPS AT POINTS OF ATTACHMENT TO THE FLOOR.	X	
RO03 MEAB 1 / EL. 10' / ROOM 064	RCB DEMINERALIZED WATER SUPPLY HEADER ISOLATION VALVE 1-DW-0501 IS TOO CLOSE TO CONTAINMENT AND DOES NOT ALLOW ADEQUATE ROOM FOR STEM REMOVAL.	X	
RO04 MEAB 1 / EL. 10' / ROOM 064	THE VARIOUS INSTRUMENT STATIONS AROUND THE ROOM SHOULD BE INCORPORATED AND RELOCATED TO ONE CENTRAL RACK TO IMPROVE OPERATOR CONVENIENCE.	X	
RO05 MEAB 1 / EL. 10' / ROOM 064	THE FLEXIBLE INSTRUMENT LINE TO INSTRUMENT N1CH-PI-9607 FROM THE RCB CHILLED WATER PUMP VPA001 DISCHARGE IS SUBJECT TO DAMAGE AND CONSTITUTES A TRIP HAZARD.	X	
RO06 MEAB 1 / EL. 10' / ROOM 064	SIS RWST RETURN SAMPLE VALVE #1-S10052, SUSPENDED AT CHEST HEIGHT, CONSTITUTES A PATHWAY OBSTRUCTION.	X	
RO07 MEAB 1 / EL. 10' / ROOM 064	THE STRUT WHICH SUPPORTS THE MAIN CONDUIT TO RCB-1C (03) PUMP, SERIAL #1-5103-11651-2-1, CONSTITUTES A HEAD KNOCKER.	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
H001 FHB 1 / OPERATING DECK	THE HVAC EQUIPMENT WHICH PROVIDES COOLING TO THE POST ACCIDENT SAMPLING SYSTEM ROOM (PASS) IS LOCATED ON THE ROOF OF THE PASS ROOM & IS INACCESSIBLE FOR MAINTENANCE.	X	
H002 FHB 1 / SURGE PUMP ROOM 001A	THREE PUMPS AND MOTORS WILL BE INACCESSIBLE FOR REMOVAL.	X	
H003 FHB 1 / SURGE PUMP ROOM 001A	THE REMOTE VALVE OPERATOR NEAR THE ENTRY DOOR IS AN ACCESS OBSTRUCTION.	X	
H004 FHB 1 / SURGE PUMP ROOM 001A	PIPING ON THE FLOOR BLOCKS MAINTENANCE/DOLLY ACCESS TO PUMP AND MOTOR.	X	
H005 FHB 1 / SURGE TANK ROOM 001	THERE IS NO ACCESS TO THE OVERHEAD VALVE HALFWAY DOWN THE RIGHT HAND WALL.	X	
H006 FHB 1 / SURGE TANK ROOM 001	THERE IS A LACK OF ACCESS AROUND THE TANK.	X	
H007 FHB 1 / SURGE TANK ROOM 001	THERE IS A LACK OF ACCESS TO THE VALVING ABOVE THE TANKS.	X	
H008 FHB 1 / SURGE TANK ROOM 001	THE VALVE IN THE CORNER TO THE LEFT OF THE DOORWAY BLOCKS ACCESS TO THE BACK OF THE ROOM.	X	
H009 FHB 1 / OUTSIDE SURGE PUMP ROOM 001A EL. 12'-6"	VALVE 1-CH-0465 IS INACCESSIBLE - THE VALVE #12B ON THE HX NO. 5 DISCHARGE IS COVERED WITH INSULATION.	X	
H010 FHB 1 / EL. 42'-6"	THE EMERGENCY LIGHTS NEAR THE ELEVATOR ARE INACCESSIBLE.	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION ; WILL BE UNDERTAKEN
H011 FHB 1 / EL. 42'-6"	SEVERAL RUNS OF CONDUIT BLOCK ACCESS AND POSE A HAZARD. THE CONDUITS ARE ALONG THE WALL ON THE LANDING BETWEEN THE RECEIVING BAY STAIRS AND THE ENTRY TO ELEVATION 42'-6".	X	
H012 FHB 1 / SPEND FUEL POOL COOLING PUMP 1B ROOM	A COATINGS BARRIER VIOLATION EXISTS WHERE CONDUIT #C1XF3ARH001 IS ATTACHED TO THE FLOOR.	X	
H013 FHB 1 / SURGE PUMP ROOM 1A	CONDUIT STRAPS FASTENED TO THE FLOOR CONSTITUTE CLEANLINESS BARRIER VIOLATIONS.	X	
H014 FHB 1 / OUTSIDE SPENT FUEL POOL HEAT EXCHANGER ROOM 208	SUPPORT CC-1428-HL5028 IS A POTENTIAL HEAD KNOCKER LOCATED AT TOP OF STAIRS LEADING TO ROOM 208.		X
H015 FHB 1 / OPERATING DECK	WHY ARE ALL THE RAILINGS AROUND THE FLOOR OPENINGS IN THE OPERATING DECK NOT IN PLACE?	X	
H016 FHB 1 / SURGE TANK ROOM 1	THE LUGS ON A REMOTE OPERATED VALVE (REF. ITEM H-8) ARE HAZARDOUS TO PERSONNEL.	X	
H017 FHB 1 / EXHAUST FILTER ROOM 104 EL. 21'-11"	TWO VALVES NEAR THE FLOOR IN THE RIGHT HAND AISLE OF EXHAUST FILTER ROOM 104 CONSTITUTE A TRIPPING HAZARD.	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION ; WILL BE UNDERTAKEN
0001 MEAB 1 / EL. 10' / ROOM 053C	INSTRUMENT NO. N1WL-PI-4311 IS INACCESSIBLE.	X	*
0002 MEAB 1 / EL. 10' / ROOM 053C	DRAIN LINES BLOCK ACCESS INTO SECOND ROOM AND CONSTITUTE A TRIPPING HAZARD.	X	*
0003 MEAB 1 / .. 10' / ROOM 053C	THE PERMANENT LIGHTING IN THE ROOM IS INADEQUATE.	X	
0004/0008 MEAB 1 / EL. 10' / ROOM 053C	INSTRUMENTS AND INSTRUMENT VALVING ON RIGHT HAND WALL OF ROOM ARE INACCESSIBLE. INSTRUMENT NOS. N1WL-FI-4309A AND N1WL-FI-4309B. ITEMS 0004 AND 0008 ARE DUPLICATE.	X	*
0005 MEAB 1 / EL. 10' / ROOM 053C	TWO MOTORS ON THE FLOOR OF THE ROOM ARE INACCESSIBLE FOR MAINTENANCE.	X	*
0007 MEAB 1 / EL. 10' / ROOM 053C	DRAIN VALVE NO. 7R301T-WL-1301 IN SECOND ROOM IS INACCESSIBLE.	X	*
0008 MEAB 1 / EL. 10' / ROOM 053C	THE TWO MOTORS IN THE ROOM WILL BE UNDER WATER IF THE DRAIN LINE IS PLUGGED UP.	X	*
0009 MEAB 1 / EL. 10' / ROOM 053C	WHAT IS THE PURPOSE OF THE ABANDONED HANGER IN THE SECOND ROOM?	X	
0010/0011 MEAB 1 / EL. 10' / ROOM 053C	A 1" DRAIN VALVE HITS AGAINST THE RIGHT HAND WALL AND IS NOT ACCESSIBLE FOR OPERATION. ITEMS 0010 AND 0011 ARE DUPLICATE.		X *

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SAFETEAM CONCERN WALKDOWN SUMMARY
* = Duplicate To Item On Enclosure 1

ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
0012 MEAB 1 / EL. 10' / ROOM 053C	THE TANK FILTER AND PUMP PACKING ARE INACCESSIBLE.	X (PACKING)	X (FILTER)
0013 MEAB 1 / EL. 10' / ROOM 053C	THE THERMOMETER GAUGE INTO THE TANK IS INACCESSIBLE AND REQUIRES A SWIVEL HEAD.	X	
0014 MEAB 1 / EL. 10' / OUTSIDE ROOM 053C	THE HANDLE ON SERVICE VALVE NO. SA-1027 IS SUSCEPTIBLE TO CATCHING ON PASSING PERSONNEL/MATERIAL.	X	
0015 MEAB 1 / EL. 10' / AT FOOT OF STAIRS LEADING TO RMs 77/78	STRAINER MANIFOLD NO. 7R30-1-N-PR104-A IS INACCESSIBLE FOR MAINTENANCE OR OPERATIONS. LOCATED OFF VALVE NO. WL-0314.	X	
0016 MEAB 1 / EL. 10' / AT FOOT OF STAIRS LEADING TO RMs 77/78	INSTRUMENT NO. N1WL-PCI-4330, LOCATED IN BACK OF ROOM, IS INACCESSIBLE TO A DRAIN.	X	
0017 MEAB 1 / EL. 19' / OPPOSITE ROOM 078	A 2" GATE VALVE ABOVE STAIRWAY IS INACCESSIBLE FOR MAINTENANCE OR OPERATIONS. VALVE NO. WL-0980.	X	
0018 MEAB 1 / EL. 10' / ROOM 023	A 1" STAINLESS STEEL VENT VALVE, NO. 1-BR-0139, IS INACCESSIBLE AND SHOULD BE MOVED TO THE FRONT OF THE ROOM.	X	
0019 MEAB 1 / EL. 10' / ROOM 023	INSTRUMENT TUBING IS INACCESSIBLE AND SHOULD BE REROUTED TO FRONT OF ROOM OR TO PASSAGEWAY.	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
0020 MEAB 1 / EL. 10' / AT COLUMNS C AND 31	TWO FIRE MAIN VALVES REQUIRE CHAIN WHEELS FOR OPERATION.	X	*
0021/0022 MEAB 1 / EL. 10' / AT COLUMN C BETWEEN COLUMNS 30 AND 31	A 1" STAINLESS STEEL ANGLE VALVE, NO. DW-0915, IS HARD AGAINST AN 8" FIRE MAIN COUPLING, AND NEEDS TO BE ROTATED DOWN FOR ACCESSIBILITY. ITEMS 0021 AND 0022 ARE DUPLICATE.	X	*
0023 MEAB 1 / EL. 10' / IN PASSAGEWAY OUTSIDE ROOM 052	BEARING COOLING WATER LINES FROM LWPS SEAL WATER PANEL 9R301ZLP710 SHOULD BE RUN ABOVE THE BACK WALL, AND NOT THROUGH THE WALKWAY.	X	*
0024 MEAB 1 / EL. 10' / IN PASSAGEWAY OUTSIDE ROOM 052	THE ISOLATION VALVES BEHIND LWPS SEAL WATER PANEL 9R301ZLP710 ARE INACCESSIBLE.	X	*
0025 MEAB 1 / EL. 10' / IN PASSAGEWAY OUTSIDE ROOM 052	RADIOACTIVE WATER COULD RETURN THROUGH THE BEARING COOLING WATER LINES AND CONTAMINATE THE HALLWAY.	X	*
0026 MEAB 1 / EL. 10' / ROOM 058B	TERMINAL BOX NO. N1WL TB0377 IS INACCESSIBLE ON THE WEST WALL OF THE ROOM.	X	*
0027 MEAB 1 / EL. 10' / ROOM 058B	LIMIT SWITCH TO VALVE NO. N1WL-FY-5003 IS NOT SUPPORTED AND IS HANGING BY FLEXIBLE CONDUIT.	X	*
0028 MEAB 1 / EL. 10' / ROOM 058B	PIPING VALVES IN THE ROOM ARE GENERALLY NOT ACCESSIBLE.	X	*

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
0029 MEAB 1 / EL. 10' / ROOM 058B	THE SOLENOID VALVE IS LOCATED IN A DANGEROUS PLACE. COULD CAUSE PERSONAL INJURY.	X	
0030 MEAB 1 / EL. 10' / ROOM 058B	INSTRUMENTS IN THE ROOM ARE NOT ACCESSIBLE FOR CALIBRATION OR MAINTENANCE.	X	
0031 MEAB 1 / EL. 10' / ROOM 057	SIX VALVES LOCATED OFF THE TOP OF THE TANK ARE INACCESSIBLE.	X	
0032 MEAB 1 / EL. 10' / ROOM 057	INSTRUMENT PRIMARY POINT TUBING IS ROUTED IN THE PASSAGEWAY RIGHT INSIDE THE ENTRY DOOR. ACCESS OBSTRUCTED.	X	
0033 MEAB 1 / EL. 10' / ROOM 058A	CONDUIT N1XM1MRJ109 OBSTRUCTS ENTRY TO ROOM AND CONSTITUTES A HEADKNOCKER.	X	
0034 MEAB 1 / EL. 10' / ROOM 058A	PUMP DRAIN VALVE NO. 7R301Y-WL-0756 IS INACCESSIBLE.	X	
0035 MEAB 1 / EL. 10' / ROOM 058A	HVAC REGISTRY SYSTEM OBSTRUCTS ACCESS TO THE BACK OF THE ROOM.	X	
0036 MEAB 1 / EL. 10' / ROOM 058A	HANGER NO. WL1032 HF 5001 BLOCKS MONORAIL ACCESS FOR MAINTENANCE.	X	
0037 MEAB 1 / EL. 10' / ROOM 059	INSTRUMENT TUBING IS SUBJECT TO DAMAGE, WHICH COULD CAUSE LOSS OF AIR SUPPLY TO VALVES.	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
0038 MEAB 1 / EL. 10' / ROOM 059	PRESSURE INDICATORS N1NL-PI-9954 AND N1WL-PI-7824 ARE NOT ACCESSIBLE, NOT PROPERLY LOCATED.	X	•
0039 MEAB 1 / EL. 10' / ROOM 059	NINE SOLENOID VALVES HAVE EXPOSED LUGS WHICH COULD CAUSE PERSONAL INJURY.	X	•
0040 MEAB 1 / EL. 10' / ROOM 059	MONORAIL USE IS BLOCKED BY INSTALLED STRUTS. MONORAIL IS NOT FUNCTIONAL.	X	•

SAFETEAM CONCERN NO. 11447

ENCLOSURE III
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SAFETEAM CONCERN WALKDOWN SUMMARY

CONCERNS IDENTIFIED TO THE NRC
(ALLEGATION NO. 4-86-A-11)

DATED: 4-21-87

SOUTH TEXAS NUCLEAR PROJECT
CONCERN 11447
SAFETEAM CONCERN WALKDOWN SUMMARY
* = Duplicate To Item On Enclosure 1

ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
001 ROOM C-104 (RESIDUAL HEAT REMOVAL (RHR) PUMP ROOM)	<p>CANNOT ACCESS RHR PMP SEALS FOR INSPECT. PUMP SEAL IS ABOUT 9' ABOVE FLR LVL. ALLEGER FEELS RHR PUMP SHOULD BE LOWERED TO ALLOW FOR EASE OF INSPECT IN CASE OF SEAL FAILURE. LOWERING PUMPS WOULD ALLOW FOR EASIER REPLACE OR MAINT OF SEALS OR MOTOR, WOULD</p> <p>REDUCE RADIATION EXPOSURE TO OPERATIONS & MAINTENANCE PEOPLE MINIMIZING THE TIME IT TAKES TO PERFORM THE TASK.</p>	X	
002 ROOM C-104	<p>2 VAs (ONE A DRAIN VA RH-098C) ON LINES THAT COME OUT OF THE BACKSIDE OF PUMP COULD BE RELOCATED TO FRONT SIDE OF PUMP TO REDUCE RADIAT EXPOS TO OPERATORS & MAINT PEOPLE. ALSO INDUSTRIAL SAFETY CONCERN IN THAT THEY MAY BE HARD TO GET TO WHEN PLANT IS HOT</p>	X	
003 ROOM #107	<p>VA N1WL 4911-SOLENOID OPTD VA (PO 4107) THAT SITS HORIZ W/SOLEN MECH FACING UP. ALLEG CONTENDS VA & MANY OTHER SIMILAR CONFIGURED VAs COULD BE JAMMED BY OPERS OR CRAFTSMAN LEAVING TOOLS OR FOREIGN ITMS ON TOP OF THESE VAs & LEAVING AREA. WHEN CALLED</p> <p>ON TO OPERATE, VAs COULD BE JAMMED & NOT PERFORM THEIR INTENDED SAFETY FUNCTION. ALLEGER BELIEVES THERE SHOULD BE PROTECTIVE COVERING ON THIS & ALL SIMILARLY ORIENTED SOLEN OPERATORS. THIS IS A GENERIC ISSUE: ABOUT 50 SUCH VAs OF SIMILAR CONFIG IN PLANT</p>	X	
004 RCFN FAN ROOM	<p>ELECTRIC WENCH MONORAIL 9C101NCM101A IS IMPROPERLY LOCATED IN THAT IT PASSES THRU A STL PORTION (ACTUALLY PART OF RCFN FAN PLENUM ASSEMBLY).</p>	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION WILL BE UNDERTAKEN
005 RCFN FAN ROOM	RCFN FAN 2V141VFN004 IS TOO HIGH FOR THE INSTALLED MONORAIL (9C101NCM101A) TO BE USED FOR REMOVAL OF FAN.	X	*
006 RCFN FAN ROOM	A PLATFORM HANDRAIL WOULD MAKE IT IMPOSSIBLE TO REMOVE FAN 2V141VFN004 FOR REPAIR.	X	*
007 RHR 'A' PUMP ROOM	THE RHR PUMP STAND IS ASSEMBLED WITH TEMPORARY BOLTS (IDENTIFIED WITH YELLOW PAINT) AND THE SYSTEM IS TURNED OVER.	X	
008 FHR 'A' PUMP ROOM	ALL OF THE SAME CONDITIONS EXIST AS IN THE RHR 'C' PUMP ROOM.	X	
009 RHR 'A' PUMP ROOM	A LOCAL READING PRESSURE GAUGE IS LOCATED BEHIND THE RHR PUMP. THE ALLEGER CONTENDS THAT THIS GAUGE SHOULD BE RELOCATED TO THE PUMP ROOM ENTRY IN ORDER TO REDUCE EXPOSURE TO PEOPLE WHO WOULD READ THE GAUGE.	X	*
010 RHR 'B' PUMP ROOM	ALL THE SAME COMMENTS AS IN RHR 'A' AND 'C' PUMP ROOMS.	X	*
011 RCB - ELEV. (-)2'-0"	LEVEL TRANSMITTER ED-LT-7811 IS PROTRUDING OUT INTO THE PASSAGEWAY WHICH WOULD BE AN IMPEDIMENT TO PERSONNEL TRAFFIC & A SAFETY HAZARD. THE ALLEGER CONTENDS THE UNIT COULD BE ROTATED (+) OR (-) 90 DEGREES TO PROTECT EQUIPMENT & PERSONNEL.	X	
012 RCB ROOM #202	RHR 1C FLOW MANIFOLD IS LOCATED TOO HIGH & BEHIND SOME OTHER PIPING CREATING A SAFETY HAZARD TO OPERATORS OF THE MANIFOLD. THE ALLEGER CONTENDS THE MANIFOLD SHOULD BE RELOCATED.	X	*

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION I WILL BE UNDERTAKEN
013 ROOM 202	AIR REDUCING MANIFOLD N1SYFY3963 IS ALL CORRODED & DEMONSTRATES POOR PROTECTION OF PLANT EQUIPMENT.	X	
014 GENERAL	OIL DRN LN FOR RCP 1C CONTAIN ISOLAT VA (1-PO-0217) IS POSITIONED SUCH THAT VA COULDN'T BE DISASSEM FOR MAINT. VA BODY IS ABOUT 8" FROM STRUCT MBR. THIS MBR IS BOLTED IN & WOULD HAVE TO BE REMOVED OR VA CUT OUT FOR RESEATING. ALLEGER RECOMMENDS RELOC VA.		X
015 GENERAL	ACCUM 1C IS 30' TALL & SPTD ONLY AT BOTTOM. RELIEF VA(1-PSV-977) IS MNTD ON TOP ACCUM W/PIPE SPT THAT ALLOWS ONLY ONE DIMENS MOVEMENT. DURING SEISMIC EVENT, ALLEGER CONTENDS RELIEF VA LN COULD BE BROKEN OFF ACCUM REND IT UNAVAIL TO PERFORM SFTY FUNC	X	
016 GENERAL	CVCS LETDOWN ISOLATION VALVE (1-RC-085) CANNOT BE DISASSEMBLED FOR MAINTENANCE DUE TO PIPE HANGER INTERFERENCE. THE ALLEGER RECOMMENDS REDESIGN HANGER SUPPORT OR RELOCATE THE VALVE.		X
017 GENERAL	ONLY ONE ISOLATION VALVE IS ON PRIMARY INSTRUMENT PIPE. AN EXAMPLE IS 1-RE-062C LOOP FLOW INDICATOR HIGH PRESSURE ISOLATION VALVE. THE ALLEGER CONTENDS THAT THERE SHOULD BE TWO VALVE PROTECTION ON ALL INSTRUMENT LINES.	X	
018 GENERAL	RCS LOOP 2 DRAIN TO RCDT ISOLATION VALVE (1-RC-058B) IS LOCATED TOO CLOSE TO CONCRETE SUPPORT TO ALLOW VALVE TO BE FULLY OPENED.	X	
019 GENERAL	RCS LOOP 2 FLOW TRANSMITTER ISOLATION VALVE (1-RC-059B) IS LOCATED TOO CLOSE TO CABLE TRAY TO PROVIDE MAINTENANCE. THE ALLEGER SUGGESTED MOVING VALVE OR CABLE.	X	

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ITEM NUMB	SAFETEAM ITEM UNDER CONSIDERATION	ENGINEERING DISPOSITION	
		INSTALLATION ACCEPTABLE	CORRECTIVE ACTION I WILL BE UNDERTAKEN
020 GENERAL	RCS LOOP 4 DRAIN TO RCDT ISOLATION VALVE (1-RC-057D) IS HARD TO MAINTAIN & SHOULD BE REPOSITIONED TO HAVE THE VALVE STEM IN THE VERTICAL POSITION.	X	
021 GENERAL	FUEL HANDLING BUILDING EXHAUST BOOSTER FANS 11A, 11B & 11C ARE HARD TO GET OUT FOR MAINTENANCE OR REPLACEMENT. ALLEGER CONTENDS THEY SHOULD BE RELOCATED FOR EASE OF MAINTENANCE.	X	
022 GENERAL	VALVE WL-0980, LIQUID WASTE PROCESSING SYSTEM IS HARD TO GET TO FOR OPERATIONS OR MAINTENANCE.	X	
023 GENERAL	VALVE DW-0209 DEMINERALIZER WATER SYSTEM IS LOCATED IN HARD TO GET TO LOCATION.	X	
024 GENERAL	LIQUID WASTE PROCESSING SYSTEM TANK ROOM - TANK FITTINGS ARE NOT BUILT UP. THIS COULD CAUSE TANK FAILURE.	X	
025 GENERAL	ROOM 79A OF MECHANICAL AUXILIARY BUILDING IS VERY CROWDED AND AIR REDUCER ON BACK WALL IS HARD TO GET TO.	X	