

WHY ARE WE HERE?

- CURRENT SYSTEM MEETS CLB
 - SERs FOR
 - 0737 III.D.3.4
 - SEP TOPIC IX-5
 - FUEL HANDLING ACCIDENT
 - A/E INSPECTION
- VOLUNTARY INITIATIVE
- OPERATOR INCONVENIENCE
- LITTLE FLEXIBILITY (MAINTENANCE)
- LICENSE RENEWAL FEASIBILITY
- NEI 99-03 CONTROVERSY
- SUBSTANTIAL COST/SCHEDULE
- NRC LAR APPROVAL
- PREVIOUSLY APPROVED ANALYSIS PARAMETERS
 - SOURCE TERM
 - MURPHY-CAMPE

CONTROL ROOM ANALYSIS

MAJOR ASSUMPTIONS

- X/Q CONSISTENT WITH EXISTING LICENSING BASIS
 - Containment Release = 4.8 E-4
 - Auxiliary Building Release = 6.95 E-4 (Tornado - TBD)
 - Intermediate Building Release = 1.9 E-4
- INLEAKAGE - 300 cfm
- FLASHING FRACTION - 5% (with justification submitted)
- MAINTAIN PASSIVE FAILURE - RHR PUMP SEAL
- IN GENERAL NEI 99-03 GUIDANCE IS NOT PLANNED ON BEING USED SINCE IT IS STILL IN DEVELOPMENT.

CONTROL ROOM ANALYSIS

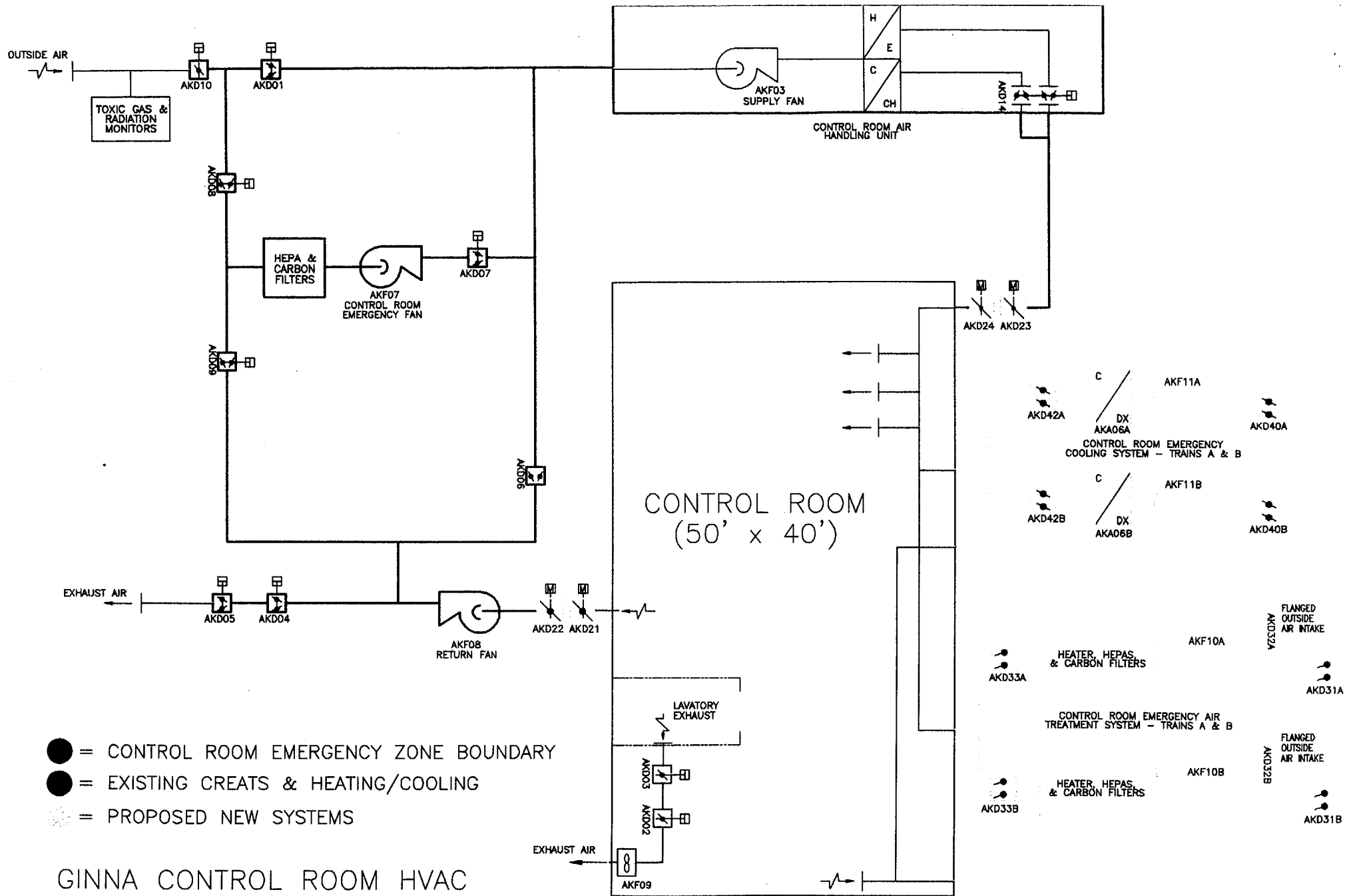
NEW ANALYSES (ANTICIPATED)

- LBLOCA
- FHA in Containment
- FHA in Auxiliary Building
- MSLB in Containment and small MSLB outside Containment
- SFP Tornado Missile Accident
- SGTR
- Toxins (NaOCL, Halon, R-22)

CONTROL ROOM ANALYSIS

EVALUATIONS/REVIEWS

- SBLOCA
- GDT Rupture



Current Ginna Technical Specification

CREATS
3.7.9

3.7 PLANT SYSTEMS

3.7.9 Control Room Emergency Air Treatment System (CREATS)

LCO 3.7.9 The CREATS shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4,
During movement of irradiated fuel assemblies,
During CORE ALTERATIONS.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. CREATS filtration train inoperable.	A.1 Restore CREATS filtration train to OPERABLE status.	48 hours
	<p><u>OR</u></p> <p>A.2 -----NOTE----- The control room may be unisolated for ≤ 1 hour every 24 hours while in this condition. -----</p> <p>Place isolation dampers in CREATS Mode F.</p>	48 hours
<p>B. -----NOTE----- Separate Condition entry allowed for each damper. -----</p> <p>One CREATS isolation damper in one or more outside air flowpaths inoperable.</p>	B.1 Restore isolation damper to OPERABLE status.	7 days

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
C. Required Action and associated Completion Time of Condition A or B not met in MODE 1, 2, 3, or 4.	C.1 Be in MODE 3.	6 hours
	<u>AND</u> C.2 Be in MODE 5.	36 hours
D. Required Action and associated Completion Time of Condition A or B not met during movement of irradiated fuel or during CORE ALTERATIONS.	D.1 Place OPERABLE isolation damper(s) in CREATS Mode F.	Immediately
	<u>OR</u> D.2.1 Suspend CORE ALTERATIONS.	Immediately
	<u>AND</u> D.2.2 Suspend movement of irradiated fuel assemblies.	Immediately
E. Two CREATS isolation dampers for one or more outside air flow paths inoperable in MODE 1, 2, 3, or 4.	E.1 Enter LCO 3.0.3.	Immediately

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
F. Two CREATS isolation dampers for one or more outside air flow paths inoperable during movement of irradiated fuel assemblies or during CORE ALTERATIONS.	F.1 Suspend CORE ALTERATIONS.	Immediately
	<u>AND</u> F.2 Suspend movement of irradiated fuel assemblies.	Immediately

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.9.1	Operate the CREATS filtration train ≥ 15 minutes.	31 days
SR 3.7.9.2	Perform required CREATS filter testing in accordance with the Ventilation Filter Testing Program (VFTP).	In accordance with VFTP
SR 3.7.9.3	Verify the CREATS actuates on an actual or simulated actuation signal.	24 months

Draft Ginna Technical Specification

CREATS
~~GREFS~~
~~3.7.10~~
9

3.7 PLANT SYSTEMS

3.7.10₉ Control Room Emergency ^{Air Treatment} ~~Filtration~~ System (GREFS) ^{CREATS}

LCO 3.7.10₉ ^{CREATS} Two ~~GREFS~~ trains shall be OPERABLE.

- NOTE -

The control room boundary may be opened intermittently under administrative control.

APPLICABILITY: MODES 1, 2, 3, 4, ~~5, and 6~~,
During movement of ~~1~~ recently ~~2~~ irradiated fuel assemblies.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. ^{CREATS} One GREFS train inoperable.	A.1 ^{CREATS} Restore GREFS train to OPERABLE status.	7 days
B. ^{CREATS} Two GREFS trains inoperable due to inoperable control room boundary in MODES 1, 2, 3, or 4.	B.1 Restore control room boundary to OPERABLE status.	24 hours
C. Required Action and associated Completion Time of Condition A or B not met in MODE 1, 2, 3, or 4.	C.1 Be in MODE 3.	6 hours
	<u>AND</u> C.2 Be in MODE 5.	36 hours

ACTIONS (continued)

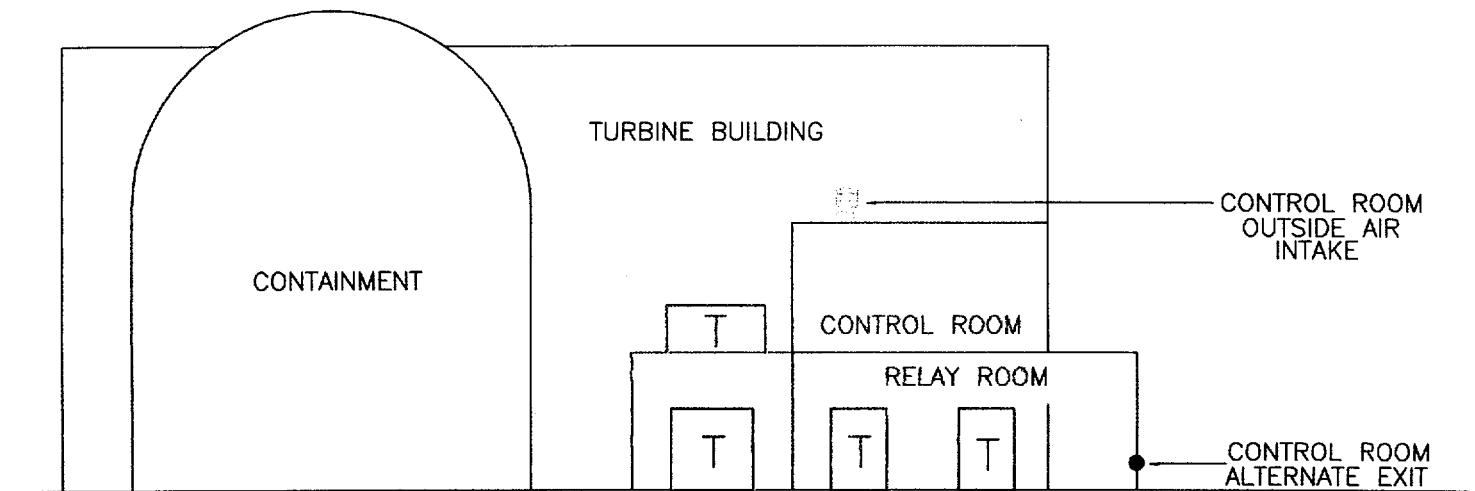
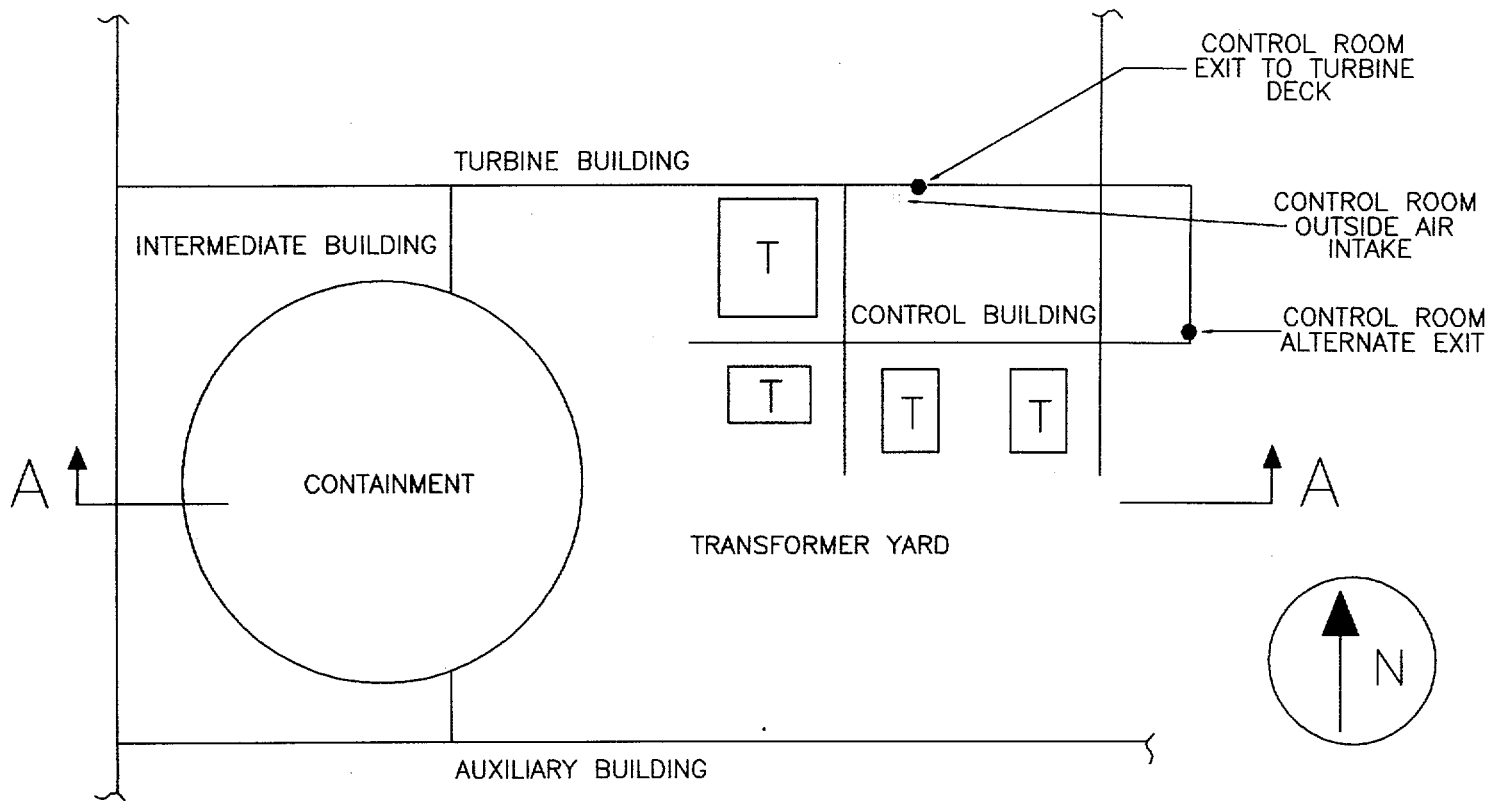
CONDITION	REQUIRED ACTION	COMPLETION TIME
D. Required Action and associated Completion Time of Condition A not met {in MODE 5 or 6} , or during movement of {recently} irradiated fuel assemblies.	D.1 <div style="border: 1px dashed black; padding: 5px; text-align: center;"> <p>- NOTE -</p> <p>[Place in toxic gas protection mode if automatic transfer to toxic gas protection mode is inoperable.]</p> </div> <p style="text-align: right;">CREATS</p> <p>Place OPERABLE CREFS train in emergency mode.</p>	Immediately
	OR D.2 Suspend movement of {recently} irradiated fuel assemblies.	Immediately
E. Two CREFS trains inoperable {in MODE 5 or 6} , or during movement of {recently} irradiated fuel assemblies.	E.1 Suspend movement of {recently} irradiated fuel assemblies.	Immediately
F. Two CREFS trains inoperable in MODE 1, 2, 3, or 4 for reasons other than Condition B.	F.1 Enter LCO 3.0.3.	Immediately

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.10.1 9	Operate each CREFS train for {≥ 10 continuous hours with the heaters operating or (for systems without heaters) ≥ 15 minutes}	31 days
SR 3.7.10.2 9	Perform required CREFS filter testing in accordance with the {Ventilation Filter Testing Program (VFTP)}	In accordance with {VFTP}

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.7.10.3 9	Verify each ^{CREATS} CREFS train actuates on an actual or simulated actuation signal.	²⁴ [18] months
SR 3.7.10.4	Verify one ^{CREATS} CREFS train can maintain a positive pressure of \geq [0.125] inches water gauge, relative to the adjacent [turbine building] during the pressurization mode of operation at a makeup flow rate of \leq [3000] cfm.	[18] months on a STAGGERED TEST BASIS



A STAIRWELL CONNECTS THE CONTROL & RELAY ROOMS.
EXIT FROM CONTROL ROOM CAN BE TO:

- 1) TURBINE DECK (NORMAL ENTRANCE/EXIT)
- 2) TURBINE BLDG. MIDDLE LEVEL, VIA THE RELAY ROOM (ALTERNATE)
- 3) OUTSIDE, VIA THE RELAY ROOM (ALTERNATE)

GINNA CONTROL BUILDING ARRANGEMENT