

JUN 19 1981

NOTE TO: Harold R. Denton
 THRU: Darrell G. Eisenhut
 Robert L. Tedesco
 FROM: Frank J. Miraglia
 SUBJECT: STATUS OF WATERFORD 3 SER



The following branches have provided input which is complete:

- Auxiliary Systems Branch
- Mechanical Engineering Branch
- Geosciences Branch
- Utility Finance Branch
- Operator Licensing Branch

The following branches have provided SER input which is complete but includes open items that must be addressed in a later supplement:

- Human Factors Engineering Branch
- Environmental Qualification Branch
- Accident Evaluation Branch
- Licensee Qualification Branch

ETSB may complete their review with no open issues by June 19. Structural Engineering Branch may either close issues or determine that they are confirmatory by June 22. Radiological Assessment Branch may also be able to close all their open items by June 19, providing we receive the necessary information by June 15.

The attached status sheet provides schedules for closing open items. I have also attached a list of LP&L's commitments for providing information as well as the status of the submittals. For each item where the information has been received, I have identified the responsible review branch.

It is to be noted that even if we did close out many of the open items for the ACRS, there are two vital areas that cannot be closed out until perhaps late summer or fall. These are 1) the overall matter of management as to organization, training and staffing adequacy and 2) site related matters such as nearby transportation and military facilities and routes. Without these items better defined it is not clear how we could complete the review for the ACRS meeting in August. We are awaiting information from the applicant.

*SEE PREVIOUS CONCURRENCE.

Frank J. Miraglia, Acting Chief

OFFICE	DL:LB#3*	DL:LB#3*	DL:AD/L	Licensing Branch No. 3	DL:DIR*
SURNAME	SBlack	FJMiraglia	RLTedesco	Division of Licensing	DGEisenhut
DATE	8107090114	810619	6/19/81	REGULATORY DOCKET FILE COPY	
	PDR ADCK	05000382			
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Frank J. Miraglia, Acting Chief
 Licensing Branch No. 3
 Division of Licensing

DISTRIBUTION:

Docket File 50-382 NSIC FJMiraglia SBlack
 LPDR TERA DGEisenhut
 PDR LB#3 Files RLTedesco

OFFICE	DL:LB#3	DL:LB#3	DL:AD/L	DL:DIR	NRR	NRR
SURNAME	SBlack	FJMiraglia	RLTedesco	DGEisenhut		
DATE	6/12/81	6/12/81	6/11/81	6/18/81		



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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B. C. Buckley for
Frank J. Miraglia, Acting Chief
Licensing Branch No. 3
Division of Licensing

Information Received

As of June 4

4 MTEB
5 ICSB
6 ICSB
9 ICSB
10 ICSB
16 ICSB
19 ICSB
21 ICSB
33 CSB
35 CSB
37 CSB
39 CSB
40 CSB
41 CSB
45 MTEB
51 CPB
53 CPB
68 ETSB
73 ETSB
79 RSB
82 RSB
84 RSB
89 RSB
90 RSB
91 RSB
92 RSB
93 CSB

As of June 12

1 HGEB
7 ICSB
8 ICSB
13 ICSB
16 ICSB
22 ICSB
32 CSB
36 CSB
47 MTEB
48 SEB
50 CPB
55 CPB
69 ETSB
70 ETSB
71 ETSB
72 ETSB
74 ETSB
75 ETSB
81 RSB
88 RSB

Schedule of information to be provided*

<u>By May 30</u>	<u>By June 5</u>	<u>By June 12</u>	<u>By June 19</u>
9	1	3	15
16	4	13	78
36	7	28	
37	8	46	
39	50	57	
41	51		
44	53		
45	81		
74	84		
82	88		
93			

*The numbers in the table refer to the issues identified in letters of May 15 and 21, 1981, D. G. Eisenhut to D. L. Aswell.

Unit Name: Waterford 3
 Critical Input to DL for Full Power SER: 6/19/81

(12)

<u>SECTION</u>	<u>BRANCH</u>	<u>REVIEWER</u>	<u>NON-TMI ISSUES</u>	<u>SER STATUS</u>	<u>NO.</u>	<u>OPEN ISSUES APPLICANT/STAR</u>
	SEB	Rinaldi	Seismic System and Subsystem Analysis	CD	1 (conf)	6/15 6/
			Steel Containment	CD	1 (conf)	6/17 6/
			Foundations	CD	1 (conf)	6/15 6/
	HGEB	Gonzales	Flood Design Considerations	CD	1	6/12 6/
	MTEB	Schiffgens	Turbine Missiles	S	2	6/5 6
		Hum	Reactor Coolant Pressure Boundary Pre-service Inspection	CD	2	
			PSI of Class 2 & 3 Components	CD	1	
		Elliott	Reactor Vessel Materials	CD	1	6/12
			Pressure-Temperature Limits	CD	1	9/81
			Reactor Vessel Integrity	CD	1	6/12

Project Manager: S. Black
Extension: 27119
Date: 6/12/81

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6/19 (info. rec'd 6/12, may make
this confirmatory)

6/19

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Plant Name: Waterford 3
Initial input to DL for Full Power SER: 6/19/81

BRANCH	REVIEWER	NON-TMI ISSUES	SER STATUS	NO.	OPEN ISSUES APPLICANT/STAR
MTEB	Gleim	Turbine Disc Integrity	S	1	6/19
QAB	Spraul	Q List Review	CD	1	6/19
EQB	T. Y. Cheng	Seismic Qualification of Seismic Category I Mechanical & Electrical Equipment	CD	1	7/30 10/
	DiBenedetto	Environmental Design of Mechanical & Electrical Equipment	CD	1	10/81 11/
CEB	Witt	Organic Materials	CD	1	6/12 6/1
	Sears	Fire Protection System (Safe Shutdown)	CD	1	7/31 9/8
RAB	Block	Rad. Protection	CD	1	6/12 6/
SAB	Campe	Exclusion Area Control	O	1	5/28 6/1
		* Nearby Industrial, Transportation & Military Facilities/Routes	CD-A	1	
		Site Proximity Missiles	CD-R	1	6/1
		Aircraft Hazards	CD-R	1	6/1

Project Manager: S. Black
Extension: 27119
Date: 6/12/81

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BRANCH	REVIEWER	NON-TMI ISSUES	SER STATUS NO.	OPEN ISSUES APPLICANT/STATUS
RSB	Rubin/Liang	(79) Sizing of Safety Valves (5.2.2)	0	
		(80) SDCS Initiation using Safety Grade Equip. (5.4.7)	0	6/30
		(81) Shutdown w/o leaving control room (accumulator isolation valve is locked open)	0	6/12
		(84) Alarms for Boron Dilution Event (15.2.4.4)	0	
		(85) Operation of more than one charging pump during boron dilution event (15.2.4.4)	0	
		Containment sump test-vortex (6.3)	0	1/82
		RCP Shaft break (15.2.3.2)	0	8/82
		(86) RCP Shaft seizure assuming Loss of AC and T.S. limit SGT leakage (15.2.3.2)	0	8/7
		(89) Justify CESEC or use acceptable model for events involving voiding (15.3)	0	7/24
		(90) FW Line Breaks (CESSAR vs Waterford) (15.3.2)	0	8/31
		(91) Loss of A/C or tripping RCP's during MSL Break Event (15.3.1)	0	7/24
		(92) Fuel damage is caused by stuck open A.D.V. vs. no fuel damage for SL Break (15.2.1)	0	7/24

XCHENSTON 27119
ate: 6/12/81

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(15)

Unit: Waterford 3
Input to DL for Full Power SER: 6/19/81

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<u>BRANCH</u>	<u>REVIEWER</u>	<u>NON-TMI ISSUES</u>	<u>SER STATUS</u>	<u>NO.</u>	<u>OPEN ISSUES APPLICANT/STAFF</u>	
I&CSB	Rosenthal	(15) RPS (Shaft Break)	CD	1	6/19	6/26
		(7) ESF Actuation System (Isolation on SIS and control)	CD	1	6/12	6/26
		(13) (80-06) Systems Required for Safe Shutdown (79-27, and Monitoring Safe Shutdown)	CD	2	6/12	6/26
		(11&14) Safety-Related Display Instrumentation (R.G. 1.47)	CD	2	7/31	8/15
		(9) Safety-Related Display Instrumentation (R.G. 1.47)	S	1		6/12
		(16) Other Instrumentation Required for Safety (Cont. Vacuum relief syst)	S	1	5/30	6/12
		(17) Control Systems Not Required for Safety (Single failure control study)	CD	1	N/S	
		II.D.3	CD	1	6/19	6/26
		II.F.2	CD	1	6/19	
PSB		Emergency Diesel Engine Piping	CD	1	6/12	6/19

Project Manager: S. Black
Extension: 27119
Date: 6/12/81

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Name: Waterford 3
Input to DL for Full Power SER: 6/19/81

<u>SLON</u>	<u>BRANCH</u>	<u>REVIEWER</u>	<u>NON-TMI ISSUES</u>	<u>SER STATUS</u>	<u>NO.</u>	<u>OPEN ISSUES</u> <u>APPLICANT/ST</u>
	ETSB	Hayes				
			Gaseous Waste Management Systems	0		6/1
			Solid Waste Management Systems	0	1	6/12 6/
			Process and Effluent Radiological Monitoring & Sampling Systems	0	1	6/12 6/

Project Manager: S. STUCK
Extension: 27119
Date: 6/12/81

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Unit Name: Waterford 3
Technical Input to DL for Full Power SER: 6/19/81

<u>SECTION</u>	<u>BRANCH</u>	<u>REVIEWER</u>	<u>NON-TMI ISSUES</u>	<u>SER STATUS</u>	<u>NO.</u> (12)	<u>OPEN ISSU</u> <u>APPLICANT</u>
	CSB	Huang	Secondary Containment Functional Design	CD CD	1	6/12 N/S
			Containment Isolation System	CD	1 (T.S.)	
			Min. Cont. Setpoint pressure		1	
			Location of pressure monitoring line		1	
			Purge Valve closure		1	

Project Manager: S. Black
Extension: 27119
Date: 6/12/81

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Waterford 3
 Full Input to DL for Full Power SER: 6/19/81

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<u>BRANCH</u>	<u>REVIEWER</u>	<u>NON-TMI ISSUES</u>	<u>SER STATUS</u>	<u>NO.</u>	<u>OPEN ISSUES APPLICANT/STAFF</u>	
CP3	Powers	Swelling & Rupture Rod Bow	CD	1	6/30 (1) L.C.	6/19
	Holonich	Rod Bow		1		6/19
		DNBR Limit		1		
		Fuel Power Peaking Analysis		1	6/12	
LQB *	Benedict	CPC Management & Technical Support Organization	CD	1		11/8
		Operating Organization				
		Qualifications of Nuclear Plant Personnel				
		Training	CD			
		Operational Review	CD			
		TMI Items	CD			
GIB	Anderson	Appendix C	CD			
	Parrotti	Emergency Plans	CD	20	N/S	
SB	Gaskin	Security	CD	2	6/12	6/19

Project Manager: S. Black
Extension: 27119
Date: 6/12/81

Name: Waterford 3
 Total Input to DL for Full Power SER: 6/19/9.

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<u>SECTION</u>	<u>BRANCH</u>	<u>REVIEWER</u>	<u>TMI ISSUES</u>	<u>SER STATUS</u>	<u>NO.</u>	<u>OPEN ISSUES APPLICANT/STAFF</u>
	LQB *		I.A.1.2 I.A.1.3 I.B.1.2	CD CD CD		
			I.C.3 I.C.4 I.C.5	CD CD CD		
	PTRB *	Goodman	I.C.1	S	1	
			I.C.7 I.C.8	S		
	HFEB *	Ramirez	I.D.1	CD	1	L.C.
	CEB	Witt	II.B.3	CD	1	6/12
	ETSB	Hayes	II.F.1	R	1	5/23
	RAB	Block	II,F,1,3	CD	1	L.C.

8/10

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6/

Project Manager: S. Black
Extension: 27119
Date: 6/12/81

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at Name: Waterford 3
Initial Input to DL for Full Power SER: 6/19/81

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<u>BRANCH</u>	<u>REVIEWER</u>	<u>TMI ISSUES</u>	<u>SER STATUS</u>	<u>NO.</u>	<u>OPEN ISSUES</u> <u>APPLICANT/STAFF</u>	
CPB	Holonich	II.F.2	CD	1		
EQB	Haughey	II.E.4.2	CD	1	6/19	6/25

ect Manager: S. Black
nsion: 27119
:6/12/81

JUN 19 1981