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

Docket Nos. 50-373
and 50-374

AUG 0 8 1979

Mr. Byron Lee, Jr.
Vice President
Commonwealth Edison Company
P. O. Box 767
Chicago, Illinois 60690

Dear Mr. Lee:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE LA SALLE SEISMIC QUALIFICATION REVIEW TEAM (SQRT) REVIEW

We have reviewed the equipment lists, qualification summaries and required response spectra submitted in your response to our request (Question 111.74 of letter dated December 7, 1978) and are now ready to proceed with the next step of the SQRT review. We have chosen 26 items shown in Enclosure No. 1, both mechanical and electrical, from the balance-of-plant (BOP) scope of supply for further detailed study. Please fill out the qualification summary form, Enclosure No. 2, for the 26 items. After receiving and reviewing this information, we will visit the La Salle site to perform the SQRT review.

Additionally, we are currently awaiting your reevaluation of the General Electric equipment. At the completion of the General Electric program, it will be necessary that we revisit the site to view the General Electric equipment. If possible, we would like to combine these two site visits.

Sincerely,

Olan D. Parr, Chief
Light Water Reactors Branch No. 3
Division of Project Management

Enclosures:
As Stated

cc w/enclosures:
See next page

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ENCLOSURE NO. 1

ITEMS FOR LA SALLE SQRT SITE VISIT

BOP mechanical: from FSAR Table 3.9-37

	Equipment No.	Item	Location
1)	1DΦ02T	Diesel fuel storage tank, 30,000 gallons	AB* 710 ft 6 in (p. 3.9-205)
2)	1VY01A	CSCS equipment area cooling coil cabinets	RB** 694 ft 6 in (p. 3.9-208)
3)		Temperature transmitter rosemount model #5853?	RB ? (p. 3.9-213)
4)	1VY01C	CSCS vent fans (horizontal)	RB 694 ft 6 in (p. 3.9-217)
5)	1E12-F065A&B	4 inch control valve/air operator	(p. 3.9-225)
6)	1E21-F001	LPCS 24 inch MO gate valve	(p. 3.9-227)
7)	1VP113A&B	RCIC 8 inch MO butterfly valve	(p. 3.9-238)
8)	2DG01P	Diesel-generator cooling water pump	DGR*** 710 ft 6 in (p. 3.9-248)
9)	1, 2PL7GJ	Post-accident primary containment monitoring panels	RB 786 ft 6 in (p. 3.9-263)
10)	0PM15JA, 16J	Control room radiation monitor	RB 768 ft (p. 3.9-263)

BOP electrical: from FSAR Table 3.10-1

	Equipment No.	Item	Location
1)	1AP21E	480 Vac unit substation (GE)	AB 731 ft (p. 3.10-25)
2)	1AP78E	480 Vac motor control center (Klockwen-Moeller)	RB 820 ft 6 in (p. 3.10-25)
3)	1DC11E	125 Vdc ESF distribution panel (system control)	AB 710 ft 6 in (p. 3.10-26)

BOP electrical: from FSAR Table 3.10-1
(Continued)

	Equipment No.	Item	Location
4)	1DC06E	250 Vdc ESF motor control center (system control)	RB 694 ft 6 in (p. 3.10-26)
5)	1DG01K	Diesel-generator (Stewart & Stevenson)	DGR 710 ft 6 in (p. 3.10-27)
6)	1DG05J	Standby engine terminal box	DGR 710 ft 6 in (p. 3.10-27)
7)	1AP96E	Low voltage power electric penetration (Conax)	RB 786 ft 6 in (p. 3.10-27)
8)		Valve motor operators (Limitorque)	RB and AB (p. 3.10-29)
9)	1PM01J	Main control boards (Harlo)	AB 768 ft (p. 3.10-30)
10)	1E12-C300A	RHR service water pump (Crane-Deming)	RB 673 ft 4 in (p. 3.10-30)
11)	1E22-C003	HPCS waterleg pump (Crane-Deming)	RB 673 ft 4 in (p. 3.10-31)
12)	1D001P	Diesel-generator fuel transfer pump (Gould)	DGR 710 ft 6 in (p. 3.10-31)
13)	1PT-CM055	Pressure transmitter (Rosemount)	RB (p. 3.10-32)
14)	1LT-CM062	Level transmitter (Rosemount)	RB (p. 3.10-32)
15)	1LS-D0003	Liquid level control switch (Magnetrol)	DGR 710 ft 6 in (p. 3.10-32)
16)	1E12-F051A	6 inch control valve/air operator (ACF)	RB (p. 3.10-34)

*AB - Auxiliary Building
**RB - Reactor Building
***DGR - Diesel-Generator Room

ENCLOSURE NO. 2

Qualification Summary of Equipment

I. Plant Name: _____ Type:

1. Utility: _____ PWR _____

2. NSSS: _____ 3. A/E: _____ BWR _____

II. Component Name _____

1. Scope: [ ] NSSS [ ] BOP

2. Model Number: _____ Quantity: _____

3. Vendor: _____

4. If the component is a cabinet or panel, name and model No. of the devices included: _____

_____

5. Physical Description a. Appearance _____

b. Dimensions _____

c. Weight _____

6. Location: Building: _____

Elevation: _____

7. Field Mounting Conditions [ ] Bolt (No._____, Size_____)
[ ] Weld (Length_____)
[ ] _____

8. Natural Frequencies in Each Direction (Side/Side, Front/Back, Vertical):

S/S: _____ F/B: _____ V: _____

9. a. Functional Description: _____

_____

b. Is the equipment required for [ ] Hot Standby [ ] Cold Shutdown

[ ] Both _____

10. Pertinent Reference Design Specifications: _____

_____

III. Is Equipment Available for Inspection in the Plant: [ ] Yes [ ] No

IV. Equipment Qualification Method: Test: _____

Analysis: _____

Combination of Test and Analysis: _____

Test and/or Analysis by _____
(name of Company or Laboratory & Report No.)

V. Vibration Input:

1. Loads considered: 1.[ ]Seismic only 2.[ ]Hydrodynamic only 3.[ ]Explosive only

4.[ ] Other (Specify)_____ 5.[ ] Combination of_____

6. Method of combining RRS: [ ] Absolute Sum [ ] SRSS [ ]_____
(other, specify)

2. Required Response Spectra (attach the graphs):_____

3. Required Acceleration in Each Direction:

S/S =_____ F/B =_____ V =_____

VI. If Qualification by Test, then Complete:

1. [ ] Single Frequency [ ] Multi-Frequency: [ ] random [ ] sine beat [ ]_____

2. [ ] Single Axis [ ] Multi-Axis

3. No. of Qualification Tests: OBE_____ SSE_____ Other_____
(specify)

4. Frequency Range:_____

5. TRS enveloping RRS using Multi-Frequency Test [ ] Yes (Plot TRS on RRS graphs) [ ] No

6. Input g-level Test at S/S = _____ F/B = _____ V = ____

7. Laboratory Mounting:

1. [ ] Bolt (No.____, Size____) [ ] Weld (Length____) [ ]_____

8. Functional operability verified: [ ] Yes [ ] No [ ] Not Applicable

9. Test Results including modifications made:_____

_____

10. Other tests performed (such as fragility test, including results):_____

_____

VII. If Qualification by Analysis or by the Combination of Test and Analysis, then Complete:

1. Description of Test including Results: _____

_____

_____

2. Method of Analysis:

[ ] Static Analysis [ ] Equivalent Static Analysis

[ ] Dynamic Analysis: [ ] Time-History
[ ] Response Spectrum

3. Model Type: [ ] 3D [ ] 2D [ ] 1D

[ ] Finite Element [ ] Beam [ ] Closed Form Solution

4. [ ] Computer Codes: _____

Frequency Range and No. of modes considered: _____

[ ] Hand Calculations

5. Method of Combining Dynamic Responses: [ ] Absolute Sum [ ] SRSS
[ ] Other: _____ (specify)

6. Damping: _____ Basis for the damping used: _____

7. Support Considerations in the model: _____

8. Critical Structural Elements:

A. Identification	Location	Governing Load or Response Combination	Seismic Stress	Total Stress	Stress Allowable

B. Max. Deflection	Location	Effect Upon Functional Operability