



Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

March 10, 1982



Mr. Paul O'Connor, Project Manager
 Operating Reactors
 U.S. Nuclear Regulatory Commission
 Washington, D.C. 20555

Subject: III-6, Seismic Design Considerations

Reference: T.J. Rausch letter dated October 21, 1981 to Paul O'Connor
NRC Docket 50-237

Dear Mr. O'Connor:

Mr. Tom Cheng requested Commonwealth Edison to provide the higher load ratings of the recirculation system pumps snubbers. The mechanical snubbers are manufactured by Pacific Scientific and are all size PSA-35.

The published catalog allowables for a PSA-35 snubbers are:

<u>Service Level</u>	<u>Load Rating</u>
A & B	50,000 lbs. 22,241 kg.
C & D	72,450 lbs. 32,590 kg.

The higher load capacity as provided by Pacific Scientific on the attached Load Capacity Data (LCD) Sheet indicates the following:

<u>Service Level</u>	<u>Load Rating</u>
A & B	54,600
C	72,450
D	91,000

Please address any questions you may have concerning this matter to this office.

One (1) signed original and thirty-nine (39) copies of this transmittal have been provided for your use.

Very truly yours,

T.J. Rausch

T.J. Rausch
 Nuclear Licensing
 Administrator
 Boiling Water Reactors

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 PDR ADCOCK 05000237
 PDR

SPP/ji/1673D
 cc: RIII Resident Inspector Dresden

CERTIFIED LOAD CAPACITY DATA SHEET
FOR BURNS & ROE, INC. WPPSS UNIT #2
PACIFIC SCIENTIFIC SHOCK ARRESTORS
ASME B & PV CODE SECTION III DIV. 1 1974 ED.


1. GENERAL INFORMATION

SUPPORT NAME: MECHANICAL SNUBBER: STRUT KIT	ENGINEERING DATA LIST DATA REPORT #DR 1391		
SUPPORT TYPE: LINEAR	EDL REV.	DATE	APP'D BY
DESIGN PROCEDURE: ANALYSIS	D	7/9/79	<i>[Signature]</i>
DESIGN TEMPERATURE: 300°F			
CODE CLASSIFICATION: TYPE 1, 2, 3 & MC			
SERVICE LIMITS: LEVELS Design/Normal/ Upsæt, Emergency, Faulted			

2. CERTIFICATION

ENGINEER: <i>[Signature]</i>	DATE: 2-23-81
CHECKED: <i>[Signature]</i>	DATE: 2.23.81
<p>ANALYSIS PERFORMED IN COMPLIANCE WITH SUBSECTION NF, ARTICLE 3000. SUBSTANTIATING DOCUMENTATION ON FILE AT PACIFIC SCIENTIFIC, KIN-TECH DIVISION ANAHEIM, CALIFORNIA</p>	

REGISTERED PROFESSIONAL ENGINEER



3. LOAD RATING, LBS. @ 300⁰ F

MODEL	STROKE IN.	SHOCK ARRESTOR PART NO.	DESIGN/NORMAL/UPSET	EMERGENCY	FAULTED
PSA 1/4	4	1801104-05	385	512	590
PSA 1/2	2.5	1801104-07	650	865	1,040
PSA 1	4	1801102-05	1,575	2,100	2,300
PSA 3	5	1801106-05	7,800	10,380	11,700
PSA 10	6	1801103-07	16,600	22,100	23,600
PSA 35	6	1801112-09, -11, -13	54,600	72,450	91,000
PSA 100	6	1801119-09, -11, -13	120,000	160,000	190,000

REV	DATE	APPVD	REV	DATE	APPVD
0	2/23/81	<i>[Signature]</i>			

PACIFIC SCIENTIFIC
 KIN-TECH DIVISION
 ANAHEIM, CALIFORNIA

DESIGN REPORT SUMMARY

DR 1569
 Sheet 1 of 1