

ALL POWER REACTOR LICENSEES

Docket No. 50-348
Farley Unit 1

Docket No. 50-313
Arkansas Unit 1

Docket No. 50-368
Arkansas Unit 2

Docket No. 50-317
Calvert Cliffs Unit 1

Docket No. 50-318
Calvert Cliffs Unit 2

Docket No. 50-293
Pilgrim Unit 1

Docket No. 50-325
Brunswick Unit 1

Docket No. 50-324
Brunswick Unit 2

Docket No. 50-261
H. B. Robinson Unit 2

Docket No. 50-10
Dresden Unit 1

Docket No. 50-237
Dresden Unit 2

Docket No. 50-249
Dresden Unit 3

Docket No. 50-254
Quad-Cities Unit 1

Docket No. 50-265
Quad-Cities Unit 2

Docket No. 50-295
Zion Unit 1

Docket No. 50-304
Zion Unit 2

Docket No. 50-213
Connecticut Yankee (Haddam Neck)

Docket No. 50-3
Indian Point Unit 1

Docket No. 50-247
Indian Point Unit 2

Docket 50-286
Indian Point Unit 3

Docket No. 50-155
Big Rock Point

Docket No. 50-255
Palisades

Docket No. 50-409
Lacrosse

Docket No. 50-269
Oconee Unit 1

Docket No. 50-270
Oconee Unit 2

Docket No. 50-287
Oconee Unit 3

Docket No. 50-334
Beaver Valley Unit 1

Docket No. 50-302
Crystal River 3

Docket No. 50-335
St. Lucie Unit 1

Docket No. 50-250
Turkey Point Unit 3

Docket No. 50-251
Turkey Point Unit 4

Docket No. 50-321
Edwin I. Hatch Unit 1

Docket No. 50-366
Edwin I. Hatch Unit 2

Docket No. 50-315
D. C. Cook Unit 1

Docket No. 50-316
D. C. Cook Unit 2

Docket No. 50-331
Duane Arnold

Docket No. 50-219
Oyster Creek Unit 1

Docket No. 50-309
Maine Yankee

Docket No. 50-289
Three Mile Island Unit 1

Docket No. 50-320
Three Mile Island Unit 2

Docket No. 50-298
Cooper Station

Docket No. 50-220
Nine Mile Point Unit 1

Docket No. 50-245
Millstone Unit 1

Docket No. 50-336
Millstone Unit 2

Docket No. 50-263
Monticello

Docket No. 50-282
Prairie Island Unit 1

Docket No. 50-306
Prairie Island Unit 2

Docket No. 50-285
Ft. Calhoun

Docket No. 50-133
Humboldt Bay

Docket No. 50-277
Peach Bottom 2

Docket No. 50-278
Peach Bottom 3

Docket No. 50-344
Trojan

Docket No. 50-333
FitzPatrick

Docket No. 50-267
Ft. St. Vrain

Docket No. 50-272
Salem Unit 1

Docket No. 50-244
R. E. Ginna 1

Docket No. 50-312
Rancho Seco

Docket No. 50-206
San Onofre 1

Docket No. 50-259
Browns Ferry Unit 1

Docket No. 50-260
Browns Ferry Unit 2

Docket No. 50-296
Browns Ferry Unit 3

Docket No. 50-346
Davis-Besse 1

Docket No. 50-271
Vermont Yankee

Docket No. 50-338
North Anna 1

Docket No. 50-280
Surry Unit 1

Docket No. 50-281
Surry Unit 2

Docket No. 50-266
Point Beach Unit 1

Docket No. 50-301
Point Beach Unit 2

Docket No. 50-305
Kewaunee

Docket No. 50-29
Yankee-Rowe



Docket No. 50-397
WPPSS 1

Docket No. 50-460
WPPSS 2

Docket No. 50-513
WPPSS 3

Docket No. 50-509
WPPSS 5

Docket No. STii 50-528
Palo Verde 1

Docket No. 50-275
Diablo Canyon 1

Docket No. 50-327
Sequoyah 1

Docket No. 50-454
Byron 1

Docket No. STN 50-529
Palo Verde 2

Docket No. 50-323
Diablo Canyon 2

Docket No. 50-328
Sequoyah 2

Docket No. 50-455
Byron 2

Docket No. STN 50-530
Pal Verde 3

Docket No. 50-461
Clinton 1

Docket STN 50-498
So. Texas 1

Docket No. 50-456
Braidwood 1

Docket No. STN 50-553
Phipps Bend 1

Docket No. 50-462
Clinton 2

Docket STN 50-499
So. Texas 2

Docket No. 50-457
Braidwood 2

Docket No. STN 50-554
Phipps Bend 2

Docket No. 50-416
Grand Gulf 1

Docket No. 50-395
Summer 1

Docket No. 50-367
Bailey

Docket No. STN 50-566
Yellow Creek 1

Docket No. 50-417
Grand Gulf 2

Docket No. 50-440
Perry 1

Docket No. 50-410
Nine Mile Point 2

Docket No. STN 50-567
Yellow Creek 2

Docket No. 50-354
Hope Creek 1

Docket No. 50-441
Perry 2

Docket No. 50-546
Marble Hill 1

Docket No. 50-467
Allens Creek 2

Docket No. 50-355
Hope Creek 2

Docket No. 50-352
Limerick 1

Docket No. 50-547
Marble Hill 2

Docket No. 50-437
Floating Nuclear Plant 1-8

Docket No. 50-311
Salem 2

Docket No. 50-353
Limerick 2

Docket No. 50-400
Shearon Harris 1

Docket No. 50-488
Perkins 1

Docket No. 50-458
Riverbend 1

Docket STN 50-518
Hartsville 1

Docket No. 50-401
Shearon Harris 2

Docket No. 50-489
Perkins 2

Docket No. 50-459
Riverbend 2

Docket STN 50-519
Hartsville 2

Docket No. 50-402
Shearon Harris 3

Docket No. STN 50-556
Black Fox 1

Docket No. 50-361
San Onofre 2

Docket STN 50-520
Hartsville 3

Docket No. 50-403
Shearon Harris 4

Docket No. STN 50-557
Black Fox 2

Docket No. 50-362
San Onofre 3

Docket STN 50-521
Hartsville 4

Docket No. 50-373
LaSalle 1

Docket No. 50-514
Pebble Springs 1

Docket No. 50-329
Midland 1

Docket No. 50-363
Forked River 1

Docket No. 50-374
LaSalle 2

Docket No. 50-515
Pebble Springs 2

Docket No. 50-330
Midland 2

Docket 50-341
Fermi 2

Docket No. 50-389
St. Lucie 2

Docket No. 50-522
Skagit 1

Docket No. 50-358
Zimmer 1

Docket No. 50-364
Farley 2

Docket No. 50-482
Wolf Creek

Docket No. 50-523
Skagit 2

Docket No. 50-382
Waterford 3

Docket No. 50-445
Comanche Peak 1

Docket No. 50-423
Millstone 3

Docket No. 50-471
Pilgrim 2

Docket No. 50-390
Watts Bar 1

Docket No. 50-446
Comanche Peak 2

Docket No. 50-438
Bellefonte 1

Docket No. 50-412
Beaver Valley 2

Docket No. 50-391
Watts Bar 2

Docket No. 50-491
Cherokee 1

Docket No. 50-439
Bellefonte 2

Docket No. 50-413
Catawba 1

Docket No. 50-424
Vogle 1

Docket No. 50-492
Cherokee 2

Docket No. 50-369
McGuire 1

Docket No. 50-414
Catawba 2

Docket No. 50-425
Vogle 2

Docket No. 50-493
Cherokee 3

Docket No. 50-370
McGuire 2

Docket No. 50-322
Shoreham

Docket No. 50-493
Callaway 1

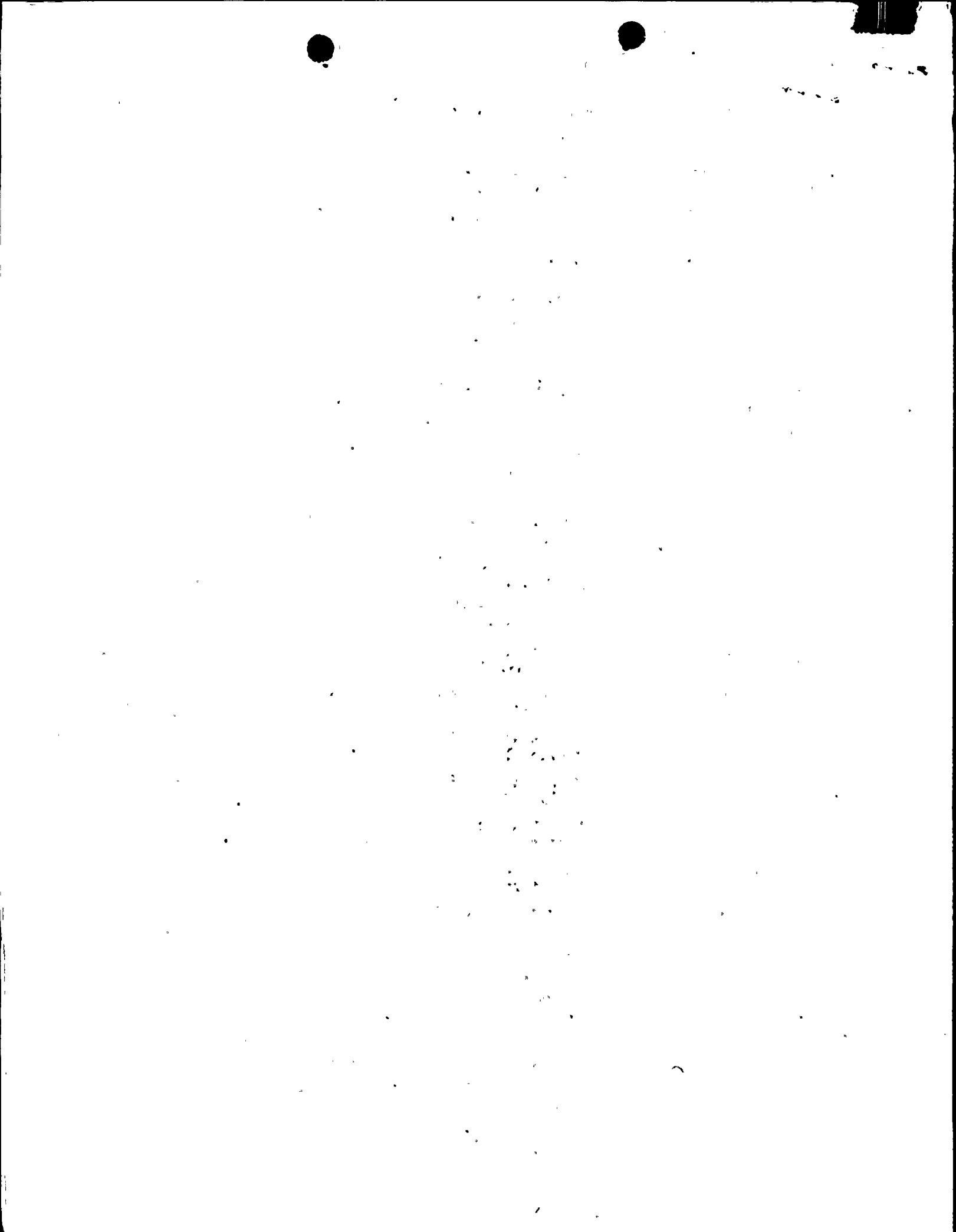
Docket No. 50-486
Callaway 2

Docket No. 50-387
Susquehanna 1

Docket No. 50-340
Seabrook

Docket No. 50-339
North Anna 2

Docket No. 50-388
Susquehanna 2





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

JUN 25 1980

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REGULATORY DOCKET FILE COPY

Dr. Hancock Chau, Chairman
Mark II Owners Group
Nuclear Licensing Divisions
Long Island Lighting Company
175 E. Old Country Road
Hicksville, New York 11801

Dear Dr. Chau:

Attached is a copy of the staff's evaluation of the GE topical report, "Technical Bases for the Use of the Square-Root-of-the-Sum-of-Squares (SRSS) Method for Combining Dynamic Loads for Mark II Plants", NEDE-24010-P and Supplements 1 through 3. This evaluation concludes that the SRSS method is acceptable for the design and assessment of mechanical systems, components, and supports for Mark II plant subject to certain constraints related to the seismic loading level and the containment structure.

The staff positions included in this evaluation report extend beyond those in our previous report "Methodology for combining Dynamics Response", NUREG-0484 and Supplement 1 to that report. The primary purpose of this evaluation report is to address the acceptability of SRSS based on NEDE-24010-P without additional justification for Mark II plants.

The staff is continuing its work on response combination methodology beyond that addressed in NUREG-0484, Supplement 1 to NUREG-0484 and this evaluation report. Phase 2B of Task Action Plan B-6 will investigate the validity of several proposed "loading level" criteria.

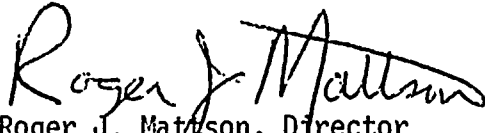


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JUN 25 1980

Should you have any questions regarding this letter, contact R. Mattu
(301) 492-9475.

Sincerely,


Roger J. Mattson, Director
Division of Safety Technology

Enclosure: Technical Bases
for the Use of the SRSS
Method for Combining
Dynamic Loads for Mark II
Plants, NEDE-24010-P and
Supplements 1 through 3