

AUG 18 1989

Docket No. 50-244

Rochester Gas and Electric Corporation
ATTN: Mr. Robert C. Mecredy
General Manager
Nuclear Production
49 East Avenue
Rochester, New York 14649

Gentlemen:

SUBJECT: DEFINITION OF "EXTREMITY" FOR PURPOSES OF SETTING OCCUPATIONAL EXPOSURE LIMITS

The purpose of this memorandum is to clarify the NRC's position regarding the definition of "extremity" for purposes of setting occupational exposure limits. NRC inspections have shown that a number of licensees are using a definition of "extremity" that is contrary to the provisions of 10 CFR Part 20.101, "Radiation Dose Standards for Individuals in Restricted Areas". This regulation specifies that "extremity" dose limits apply to the "hands and forearms; feet and ankles." Information provided in NRC Information Notice No. 81-26, Part 3, Supplement No. 1, has been misunderstood, and was not intended to change what is considered to be an extremity. This Information Notice discusses placement of personnel dosimeters for determining whole body doses.

Because of this apparent misunderstanding, we plan no enforcement action if your procedures have incorporated this misunderstanding. We have issued the enclosed memorandum to provide clarification on the intent of Information Notice No. 81-26, and what is considered to be an extremity. We request that you ensure your procedures incorporate the applicable dose limits of 10 CFR Part 20.

Your cooperation with us in this matter is appreciated. Please contact me if you have any concerns or questions regarding this matter.

Sincerely,

Original Signed By:
Ronald R. Bellamy

Ronald R. Bellamy, Chief
Facilities Radiological Safety and
Safeguards Branch
Division of Radiation Safety and
Safeguards

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Enclosure:

Memorandum from LeMoine J. Cunningham to
Ronald R. Bellamy, et. al., dated June 22, 1989

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AUG 18 1989

cc w/encl:

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Director, Power Division
State of New York, Department of Law
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
NRC Resident Inspector
State of New York

bcc w/encl:

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Bellamy
8-7/1/89

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INDEX
OPERATING REACTORS

Licensee :BWR

		<u>Pg. No.</u>	<u>Sys. Pg. No.</u>
Boston Edison Company	DN 50-293 Pilgrim 1	6	12 - 13
GPU Nuclear Corporation	DN 50-219 Oyster Creek 1	4	9
Philadelphia Electric Company	DNs 50-277/50-278 Peach Bottom 2/3	5	10 - 11
Power Authority of the State of New York	DN 50-333 James A. FitzPatrick	1	3 - 4
Niagara Mohawk Power Corporation	DNs 50-220/50-410 Nine Mile Point 1/2	3	7 - 8
Northeast Nuclear Energy Company	DN 50-245 Millstone 1	2	5 - 6
Vermont Yankee Nuclear Power Corporation	DN 50-271 Vermont Yankee	7	14 - 15
Pennsylvania Power & Light Company	DN 50-387/50-388 Susquehanna 1/2	20	38 - 39
Philadelphia Electric Company	<u>DN 50-352/50-353</u> <u>Limerick 1/2</u>	21	40

INDEX
OPERATING REACTORS

Licensee

PWR

		<u>Pg. No.</u>	<u>Sys. Pg. No.</u>
Baltimore Gas and Electric Company	DNs 50-317/50-318 Calvert Cliffs 1/2	9	18 - 19
Connecticut Yankee Atomic Power Co.	DN 50-213 Haddam Neck	10	20 - 21
Consolidated Edison Co. of New York Inc.	DN 50-247 Indian Point 2	12	23 - 24
Power Authority of the State of New York	DN 50-286 Indian Point 3	13	25 - 26
Duquesne Light Company	DNs 50-334/50-412 Beaver Valley 1/2	8	16 - 17
Maine Yankee Atomic Power Company	DN 50-309 Maine Yankee	14	27 - 28
General Public Utilities Nuclear Corporation	DN 50-289 TMI 1	17	33 - 34
General Public Utilities Nuclear Corporation	DN 50-320 TMI 2	18	35 - 36
Northeast Nuclear Energy Company	DN 50-336 Millstone 2	15	29 - 30
Northeast Nuclear Energy Company	DN 50-423 Millstone 3	25	53
Public Service Electric and Gas Company	DN 50-272/50-311 Salem 1/2	16	31 - 32
Rochester Gas & Electric Corporation	DN 50-244 Ginna	11	22
Yankee Atomic Electric Company	DN 50-29 Yankee Atomic	19	37
Long Island Lighting Co.	DN 50-322 Shoreham	22	41 - 44
Public Service of New Hampshire	DN 50-443 Seabrook 1	23	45 - 50

INDEX

CONSTRUCTION

Facility

Docket #(s)

Page

Sys. Pg. No.

BWR

Hope Creek 1

50-354

1

2 - 3