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OCT 15 1981
NRC TMI 81-058



Docket No. 50-320

Mr. J. J. Barton
Acting Director, TMI-2
Metropolitan Edison Company
P.O. Box 480
Middletown, PA 17057

Dear Mr. Barton:

The NRC staff has reviewed your Recovery Operations Plan Change Request No. 9, dated October 15, 1981, (LL2810246). The change request proposed a temporary change in the Auxiliary Building Air Cleanup System (ABACS) surveillance flowrates from a minimum of 65,000 CFM to 63,000 CFM \pm 10% until February 1, 1982. You stated that this change allows greater flexibility and will not adversely affect the margin of safety in the bases of the Recovery Operations Plan and that this flowrate will be sufficient to maintain 0.125 inches of water negative pressure in the auxiliary building. This temporary change was requested until a permanent change based on a detailed review of system design can be completed.

After performing a general review of the system design and performance the staff has confirmed that an ABACS flowrate of 63,000 CFM \pm 10% will be capable of maintaining 0.125 inches of water negative pressure in the auxiliary building and that it will not adversely affect the margin of safety in the bases of the Recovery Operations Plan. We further note that the proposed flowrates are consistent with a nominal design capacity of 1000 CFM per filter unit. Therefore we have approved the proposed change in Surveillance Requirement 4.9.12.C.2 to allow a flow of 63,000 CFM \pm 10% until February 1, 1982.

A copy of change No. 8 to the Recovery Operations Plan is attached.

Original signed by
Lako H. Barrett

L. H. Barrett
Deputy Program Director
TMI Program Office

Attachment: As Stated

cc: See Distribution List

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PDR ADOCK 03000320
P PDR

OFFICE	TMI:PO	L.H. Barrett				
SURNAME	LHTonus	LHBarrett				
DATE	10/15/81	10/15/81				

Mr. J. J. Barton
Metropolitan Edison Company

Mr. J. J. Barton
Manager, Site Operations, TMJ-2
Metropolitan Edison Company
P. O. Box 480
Middletown, PA 17057

Mr. E. D. Fuller
TMJ-2 Licensing Supervisor
Metropolitan Edison Company
P. O. Box 480
Middletown, PA 17057

Mr. E. G. Wallace
PUB Licensing Manager
GPU Service Corporation
700 Interpace Parkway
Parsippany, NJ 07054

Mr. J. B. Liberman, Esquire
Berlach, Israels, Liberman -
26 Broadway
New York, NY 10004

Mr. G. F. Troubridge, Esquire
Shaw, Pittman, Potts & Troubridge
1800 N Street, N.W.
Washington, DC 20036

Dr. Walter H. Jordan
881 W. Outer Drive
Oak Ridge, TN 37830

Dr. Linda W. Little
5000 Hermitage Drive
Raleigh, NC 27612

Larin W. Carter, Esquire
505 Executive House
P. O. Box 2357
Harrisburg, PA 17120

Honorable Mark Cohen
512 E-3 Main Capital Building
Harrisburg, PA 17120

Elynn Weiss, Esquire
Sheldon, Harman, Roisman & Weiss
1725 I Street, N.W., Suite 506
Washington, DC 20006

Mr. Steven C. Sholly
304 S. Market Street
Mechanicsburg, PA 17055

Mr. Thomas Gerusky
Bureau of Radiation Protection
P. O. Box 2063
Harrisburg, PA 17120

Mr. Marvin I. Lewis
6504 Bradford Terrace
Philadelphia, PA 19149

Ms. Jane Lee
R. D. 3, Box 3521
Eiters, PA 17319

Walter W. Cohen, Consumer Advocate
Department of Justice
Strawberry Square, 14th Floor
Harrisburg, PA 17127

Robert L. Enupp, Esquire
Assistant Solicitor
Enupp and Andrews
P. O. Box P
407 N. Front Street
Harrisburg, PA 17108

John E. Minnich, Chairperson
Dauphin Co. Board of Commissioners
Dauphin County Courthouse
Front and Market Streets
Harrisburg, PA 17101

Robert D. Pollard
Chesapeake Energy Alliance
609 Montpelier Street
Baltimore, MD 21218

Chauncey Kefford
Judith H. Johnson
Environmental Coalition on Nuclear Power
433 Orlando Avenue
State College, PA 16801

Ms. Frieda Berryhill, Chairperson
Coalition for Nuclear Power Plant
Postponement
2610 Grenon Drive
Wilmington, DE 19808

Holly S. Reiz
Anti-Nuclear Group Representing York
245 W. Philadelphia Street
York, PA 17404

John Levin, Esquire
Pennsylvania Public Utilities Commission
P. O. Box 3265
Harrisburg, PA 17120

Jordan B. Cunningham, Esquire
Fox, Fere and Cunningham
2320 N. Second Street
Harrisburg, PA 17110

Ms. Kathy McCaughin
Three Mile Island Alert, Inc.
23 South 21st Street
Harrisburg, PA 17104

Ms. Marjorie M. Amendt
R. B. 85
Coatesville, PA 19320

Ms. Karen Sheldon
Sheldon, Harman, Roisman & Weiss
1725 I Street, N.W., Suite 506
Washington, DC 20006

Earl B. Hoffman
Dauphin County Commissioner
Dauphin County Courthouse
Front and Market Street
Harrisburg, PA 17101

Government Publications Section
State of Library of Pennsylvania
Box 1601 Education Building
Harrisburg, PA 17107

Dr. Edward O. Swartz
Board of Supervisors
Londonderry Township
RFD #1 Griers Church Road
Middletown, PA 17057

U. S. Environmental Protection Agency
Region III Office
ATTN: EIS Coordinator
Curtis Building (Sixth Floor)
8th and Walnut Streets
Philadelphia, PA 19106

Dauphin County Office Emergency
Preparedness
Court House, Room 7
Front and Market Streets
Harrisburg, PA 17101

Department of Environmental Resources
ATTN: Director, Office of
Radiological Health
P. O. Box 7063
Harrisburg, PA 17105

Governor's Office of State
Planning and Development
ATTN: Coordinator, Pennsylvania
Clearinghouse
P. O. Box 1323
Harrisburg, PA 17120

Mrs. Rhoda D. Carr
1407 Marene Drive
Harrisburg, PA 17109

Mr. Richard Roberts
The Patriot
812 Market Street
Harrisburg, PA 17105

Mr. Robert B. Borsum
Babcock & Wilcox
Nuclear Power Generation Division
Suite 420, 7735 Old Georgetown Road
Bethesda, MD 20014

Ivan M. Smith, Esquire
Atomic Safety and Licensing Board
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Atomic Safety and Licensing Board Panel
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Atomic Safety and Licensing Appeal Panel
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Dissemination and Service Section
U. S. Nuclear Regulatory Commission
Washington, DC 20555

William Lochstet
104 Cover lot
Pennsylvania State University
University Park, Pennsylvania 16802

SURVEILLANCE REQUIREMENTS

4.9 LIQUID RADIOACTIVE WASTE STORAGE

FUEL HANDLING BUILDINGS/AUXILIARY BUILDING AIR CLEANUP SYSTEMS

4.9.12 The fuel handling building air cleanup system and the auxiliary building air cleanup system shall be demonstrated OPERABLE:

- a. At least once per 31 days by initiating, from the control room, flow through the HEPA filters and charcoal adsorbers and verifying that each filter train operates for at least 15 minutes.
- b. Initially and at least once per 18 months or (1) after any structural maintenance on the HEPA filter or charcoal adsorber housings, or (2) following painting, fire or chemical release in any ventilation zone communicating with the system by:
 1. Verifying a flow rate of 23,000 cfm \pm 10% for each fuel handling building exhaust filter train when tested in accordance with ANSI N510-1975.
 2. Verifying a flow rate of 36,000 cfm \pm 10% for each auxiliary building exhaust filter train when tested in accordance with ANSI N510-1975.
- c. At least once per 18 months by:
 1. Verifying an exhaust flow rate of at least 36,000 cfm for the fuel handling building air cleanup system with two fuel handling building supply fans and two fuel handling building exhaust fans in operation.
 2. Verifying an exhaust flow rate of at least 65,000*cfm for the auxiliary building air cleanup system with two auxiliary building supply fans and two auxiliary building exhaust fans in operation.
 3. Verifying that the pressure drop across the combined HEPA filters and charcoal adsorber banks of each fuel handling building filter train is less than 6 inches Water Gauge while it operates at a flow rate of 23,000 cfm \pm 10%.
 4. Verifying that the pressure drop across the combined HEPA filters and charcoal adsorber banks of each auxiliary building filter train is less than 6 inches Water Gauge while it operates at a flow rate of 36,000 cfm \pm 10%.

* May be 63,000 CFM \pm 10% until February 1, 1982.