



Regulatory

File Cy.

Commonwealth Edison Company

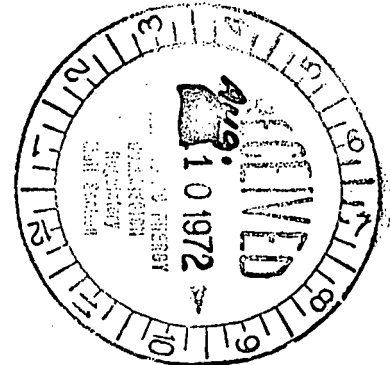
ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

August 1, 1972

Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

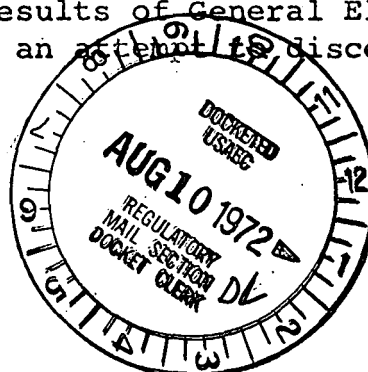


Subject: Supplemental Information to Proposed Change
No. 18, DPR-19, AEC Dkt 50-237, and Change
No. 9, DPR-25, AEC Dkt 50-249

Dear Mr. Giambusso:

Change Nos. 18 to DPR-19 and 9 to DPR-25, submitted on February 9, 1972, requested several changes to the technical specifications for DPR-19 and DPR-25. Among the changes was a change to the environmental monitoring program. This submittal further modifies Table 4.8.1 to the technical specifications and reflects Commonwealth Edison's portion of the environmental monitoring program which is shared with General Electric's Midwest Fuel Recovery Plant (MFRP).

Change Nos. 9 and 18, as submitted, deleted the alpha monitoring in the environs. This does not appear to be consistent with Commonwealth Edison's position at the other nuclear stations in its system. The reason for Dresden's program being different is that the alpha monitoring program is reported by General Electric's MFRP. At this time, both General Electric and Commonwealth Edison use the same contractor and share in the cost of the program. Since Commonwealth Edison has no control over the General Electric program and cannot guaranty the type of program that General Electric may carry out in the future, Commonwealth Edison proposes to modify Table 4.8.1 of the technical specifications for Dresden Units 2 and 3 to require alpha monitoring in the surface water (Table 4.8.1, item 7). Furthermore, should an unusual change be seen in the alpha activity of the surface water, the results of General Electric's MFRP environs program will be reviewed in an attempt to discern the cause of the change.



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Commonwealth Edison Company

Mr. A. Giambusso

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August 1, 1972

The changes to Table 4.8.1, as submitted in Change Nos. 9 and 18, are itemized below:

Item 5 Collection sites are changed to be more representative with distance from the plant.

Item 6.c This item is deleted as it is redundant to item 6.b.

Item 7 For the "Type of Analysis", add "alpha".

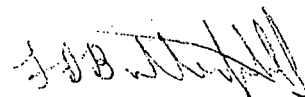
Item 8,9 Change location sites to sample both rivers upstream of the intake canals and the one river downstream of the discharge or blowdown canal.

A complete revised Table 4.8.1 is included in this submittal. It replaces the Table 4.8.1 as submitted in Change Nos. 9 and 18 dated February 9, 1972.

This supplemental information has been reviewed and approved by the Dresden Station Review Board and the Commonwealth Edison Nuclear Review Board.

In addition to three signed originals, nineteen copies of this supplemental information to proposed Change Nos. 18 to DPR-19, Dkt 50-237 and 9 to DPR-25, Dkt 50-249 are submitted.

Very truly yours,



L. D. Butterfield, Jr.
Nuclear Licensing Administrator

SUBSCRIBED and SWORN to
before me this 1st day
of August, 1972.

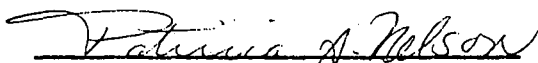

Notary Public

TABLE 4.8.1

SAMPLE COLLECTION AND ANALYSIS
DRESDEN NUCLEAR POWER STATION - ENVIRONMENTAL MONITORING PROGRAM

Sample Media	Type of Analysis	Collection Sites	Collection Frequency	Collection Dates
3. Gamma Background (TLD)	Gamma	Same Locations as Air Particulate Stations	Quarterly	---
4. Fallout - Airborne Solids and Liquids (WF)	Beta, Tritium Gamma Scans (Special)	Brandon Lock and Dam, Dresden On-Site Station #2 Milk Stations (2)	Monthly	---
5. Fallout - Soil (SO)	Beta Gamma Scans (1) 89Sr, 90Sr	Davidson Farm One vegetable farm within 5 miles of site One vegetable farm at ~15 miles from site	Quarterly	---
6. a. Fallout - Cattle Feed (CF)	Beta 89Sr, 90Sr Gamma Scan (2)	Milk Stations	Monthly	Nov.-Mar.
b. Fallout - Grass (GF)	Beta 89Sr, 90Sr 137Cs Gamma Scan (3) 131-I	Milk Stations 131-I at closest milk station to Dresden only	Monthly	Apr.-Oct.

TABLE 4.8.1

SAMPLE COLLECTION AND ANALYSIS
DRESDEN NUCLEAR POWER STATION - ENVIRONMENTAL MONITORING PROGRAM

File C/A

Regulatory

Sample Media	Type of Analysis	Collection Sites	Collection Frequency	Collection Dates
c. Fallout - Foodstuffs (FF)	Beta 89Sr, 90Sr, Cs137 Gamma Scan (4)	Truck Farms	3 times/year	Summer and early fall
7. Surface Water (SW)	Beta, Alpha Gamma Scans (Special)	Dresden Inlet and Discharge Canals and E.J. & E. R.R. Bridge Sta.	Weekly Composite	---
	89Sr, 90Sr Tritium		Quarterly Composite	
	Beta, Tritium, Gamma Scans (Special)	Corp. of Eng. Pump. Sta.	Quarterly	---
	Beta Gamma Scans (Special)	Illinois River at Morris (State of Ill. Sample)	Semi-Monthly Composite	Supplied by State
8. Bottom Sediments (SI)	Beta Gamma Scans (I)	Kankakee River-Between Goose Lake Pumping Station & Dresden In- take canals	Quarterly	Feb.-May- Aug.-Nov.
	89Sr, 90Sr	DesPlaines River-In the area of Joliet Yacht Club Dresden Lock & Dam		

Received w/ltz Dated 8-1-72

TABLE 4.8.1

SAMPLE COLLECTION AND ANALYSIS
DRESDEN NUCLEAR POWER STATION - ENVIRONMENTAL MONITORING PROGRAM

File C/

Regulatory

Sample Media	Type of Analysis	Collection Sites	Collection Frequency	Collection Dates
9. Slime (SL)	Beta Gamma Scans (5)	Kankakee River-Between Goose Lake Pumping Station & Dresden In- take canals DesPlaines River-In the area of Joliet Yacht Club Dresden Lock & Dam	Quarterly	Feb.-May- Aug.-Nov.
10. Well Water (WW)	Beta Gamma Scans (Special)	Dresden Lock and Dam (DL) Hansel (HA) Olson (OL) Bennett (BE) Breen (BR) Thorsen (TH) Anderson (AN)	Monthly Quarterly	--- Jan.-Apr.- Jul.-Oct. Feb.-May- Aug.-Nov. Jan.-Apr.- Jul.-Oct. Feb.-May- Aug.-Nov. Jan.-Apr.- Jul.-Oct. Feb.-May- Aug.-Nov.

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