

Docket Files



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

DEC 4 1972

Docket Nos. 50-237
and 50-249

Commonwealth Edison Company
ATTN: Mr. L. D. Butterfield, Jr.
Nuclear Licensing Administrator
Post Office Box 767
Chicago, Illinois 60690

Change No. 18
License No. DPR-19
Change No. 10
License No. DPR-25

Gentlemen:

Your letters dated February 9, 1972, proposed Change No. 18 to the Technical Specifications of Facility Operating License No. DPR-19 and an identical Change No. 9 to the Technical Specifications of Facility Operating License No. DPR-25 for Dresden Units 2 and 3, respectively. The letters proposed four changes of which three were approved by Change No. 17 to DPR-19 and Change No. 9 to DPR-25 dated March 17, 1972. However, action on that portion of your proposed change relating to your environmental monitoring program was deferred pending the submission of additional information by your staff.

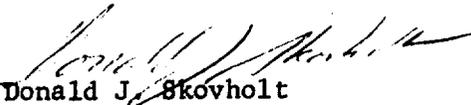
The proposed environmental monitoring program changes, as modified by your August 1, 1972 submission and subsequent telephone discussions with your staff, would revise Table 4.8.1 of the Technical Specifications. The proposed changes specifically modify the frequency, type, and location of environmental samples and delete alpha monitoring with the exception of the surface water samples taken weekly in the intake canal, discharge canal, and the E. J. & E. railroad bridge.

We have reviewed the proposed changes to the Technical Specifications and have concluded that they do not present significant hazards considerations not described or implicit in the Safety Analysis Report and there is reasonable assurance that the health and safety of the public will not be endangered.

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Pursuant to Section 50.59 of 10 CFR Part 50, the Technical Specifications of Facility Operating Licenses Nos. DPR-19 and DPR-25 are hereby changed to include a revised environmental monitoring program by replacing pages 138 through 142 with the revised pages 138 through 142b appended hereto.

Sincerely,


Donald J. Skovholt
Assistant Director for
Operating Reactors
Directorate of Licensing

Enclosures:
Revised pages 138 - 142b

cc w/enclosures:
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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
1. a. Airborne Particulate (AP)	Beta Gamma Scans (Special)	Elwood J-15	Weekly	---
		Joliet J-48		
Wilmington 464				
Lorenzo J-54				
Morris 016				
Lisbon 024				
Coal City J-68				
Bennett Farm BE				
Hansel HA				
Channabon CH				
Breen BR				
McCabe 0672				
Minooka J-27				
Goose Lake J-21				
b. Airborne Screen (in addition to airborne particulate)	I-131	On -Site Stations #1, #2, #3	Bi-Weekly	---
		Same Locations as in 1. a.		
2. Gamma Background (Ion Chambers)	Gamma	Same Locations as Air Particulate Stations	Weekly	---

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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.

(Rev. w/Changes 18 & 10 dtd 12/4/72)

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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 (1)	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		

(Rev. w/Changes 18 & 10 dtd 12/4/72)

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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)	Monthly	---
		Hansel (HA)	Quarterly	Jan.-Apr.- Jul.-Oct.
		Olson (OL)		Feb.-May- Aug.-Nov.
		Bennett (BE)		Jan.-Apr.- Jul.-Oct.
		Breen (BR)		Feb.-May- Aug.-Nov.
		Thorsen (TH)		Jan.-Apr.- Jul.-Oct.
		Anderson (AN)		Feb.-May- Aug.-Nov.

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	Beta, Tritium, Gamma Scans (Special)	Dresden Well #1 (W1) Dresden Well #2 (W2)	Quarterly	Jan.-Apr.- Jul.-Oct.
	Beta Gamma Scans (Special)	Drinking Fountain - Unit #1 (DF-1)		Feb.-May- Aug.-Nov.
	11. Milk (M)	a.131-I b.89Sr, 90Sr, 137Cs Elemental Calcium		Davidson (DA) and Dhuse (DH)
12. a. Fish b. Sediment c. Water	Beta, 89Sr, 90Sr Gamma Scan	Dresden Lock and Dam Pool (Routine) Brandon Lock and Dam Pool and County Line Bridge (Special)	Semi-Annual	---
d. Aquatic Plants	Beta, 89Sr, 90Sr, Gamma Scan	Dresden Inlet and Discharge Canal (General Area)	Semi-Annual	---

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13. Special Analyses	⁹¹ Sr, Air Particulate ⁸⁹⁻⁹⁰ Sr Air Particulate ¹³¹ I Rainfall ⁸⁹⁻⁹⁰ Sr Rainfall			

- Notes: (1) Fall samples only
 (2) January or February samples only
 (3) June or July or August samples only
 (4) Third collection of samples only
 (5) August samples only

