Docket Nos. 50-315
50-316

06/06/86
6/10/86

Mr. John Dolan, Vice President
Indiana and Michigan Electric Company
c/o American Electric Power Service Corporation
1 Riverside Plaza
Columbus, Ohio 43216

Dear Mr. Dolan:

By letter dated April 22, 1986, the NRC issued License Amendments 94 and 80 to Facility Operating License Nos. DPR 58 and DPR 80 for the Donald C. Cook Nuclear Plant, Unit Nos. 1 and 2, respectively. The Technical Specifications with the amendments included a number of inadvertent errors. None of these errors changes our understanding of the operation of your facilities or our review supporting the amendments.

The enclosed Technical Specification pages have been corrected and should be substituted for those in the April 22, 1986, letter.

We regret any inconvenience this may have caused you.

Sincerely,

/S/

D. L. Wigginton, Project Manager
PWR Project Directorate #4
Division of PWR Licensing-A

Enclosures: As stated

cc: See next page

DISTRIBUTION:

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DWigginton/mac	MDuncan	for BJYoungblood
06/4/86	06/4/86	06/4/86

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PDR ADOCK 05000315
P PDR

Mr. John Dolan
Indiana and Michigan Electric Company

Donald C. Cook Nuclear Plant

cc:
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Vice President
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American Electric Power Service
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Washington, DC 20036

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Room 1 - State Capitol
Lansing, Michigan 48909

Nuclear Facilities and Environmental
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Department of Public Health
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Post Office Box 30035
Lansing, Michigan 48909

The Honorable John E. Grotberg
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Washington, DC 20515

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
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Glen Ellyn, Illinois 60137

J. Feinstein
American Electric Power
Service Corporation
1 Riverside Plaza
Columbus, Ohio 43216

TABLE 4.. (Cont'd)

RADIATION MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

OPERATION MODE/INSTRUMENT	CHANNEL CHECK	CHANNEL CALIBRATION	CHANNEL FUNCTIONAL TEST	MODES FOR WHICH SURVEILLANCE REQUIRED
iii) Noble Gas Channel (ERS 1405)	S*	R	M	6
3. Mode**				
A) Spent Fuel Storage (RRC-330)	S	R	M	**

* To include SOURCE CHECK per T/S Section 1.27.
** With fuel in storage pool or building.

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TABLE 3.3-12

RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATION

Instrument	Minimum Channels Operable	Applicability	Action
1. Gross Radioactivity Monitors Providing Automatic Release Termination			
a. Liquid Radwaste Effluent Line (1-R-18)	(1)	At times of release	23
b. Steam Generator Blowdown Line (1-R-19)	(1)	At times of release	24
c. Steam Generator Blowdown Treatment Effluent (1-R-24)	(1)	At times of release	24
2. Gross Radioactivity Monitors Not Providing Automatic Release Termination			
a. Service Water System Effluent Line (1-R-20, 1-R-28)	(1) per train	At all times	25
3. Continuous Composite Sampler Flow Monitor			
a. Turbine Building Sump Effluent Line	(1)	At all times	25
4. Flow Rate Measurement Devices			
a. Liquid Radwaste Line (RFI-285)	(1)	At times of release	26
b. Discharge Pipes*	(1)	At all times	NA
c. Steam Generator Blowdown Treatment Effluent (1-DFI-352)	(1)	At times of release	26

* Pump curves and valve settings may be utilized to estimate flow; in such cases, Action Statement 26 is not applicable.

TABLE 3.3-13

Radioactive Gaseous Effluent Monitoring Instrumentation

	Instrument (Instrument #)	Minimum Channels Operable	Applicability	Action
1.	Waste Gas Holdup System Explosive Gas Monitoring System			
	a. Hydrogen Monitor (QC-31)	(1)	**	30
	b. Oxygen Monitor (QC-31, QC-370)	(2)	**	29
2.	Condenser Evacuation System			
	a. Noble Gas Activity Monitor (SRA-1905)	(1)	****	28
	b. Flow Rate Monitor (SFR-401)	(1)	****	27
	(1-MR-054) and/or SRA-1910)	(1)	****	27
3.	Unit Vent, Auxiliary Building Ventilation System			
	a. Noble Gas Activity Monitor (VRS-1505)	(1)	*	28
	b. Iodine Sampler Cartridge for VRS-1503	(1)	*	32
	c. Particulate Sampler Filter for VRS-1501	(1)	*	32
	d. Effluent System Flow Rate Measuring Device (VFR-315)	(1)	*	27
	(1-MR-054 and/or VRS-1510)	(1)	*	27
	e. Sampler Flow Rate Measuring Device (VFS-1521)	(1)	*	27
4.	Containment Purge System			
	a. Aux. Building Vent. System Noble Gas Activity Monitor (VRS-1505)	(1)	****[1]	31
	b. Aux. Building Vent. System Particulate Sampler for VRS-1501	(1)	****	32
5.	Waste Gas Holdup System a. Noble Gas Activity Monitor Providing Alarm and Termination of Gas Decay Tank Releases (VRS-1505)	(1)	****[2]	33
6.	Gland Seal Exhaust			
	a. Noble Gas Activity Monitor (SRA-1805)	(1)	****	28
	b. Flow Rate Monitor (SFR-201)	(1)	****	27
	(1-MR-054 and/or SRA-1810)	(1)	****	27

TABLE 4.3-9

Radioactive Gaseous Effluent Monitoring Instrumentation

Surveillance Requirements

Instrument (Instrument #)	Channel Check	Source Check	Channel Calibration	Channel Functional Test
1. Waste Gas Holdup System Explosive Gas Monitoring System				
a. Hydrogen Monitor (QC-31)	D***	NA	Q(3)	M
b. Oxygen Monitor (QC-31)	D***	NA	Q(4)	M
c. Oxygen Monitor (Alt. (QC-370)	D***	NA	Q(4)	M
2. Condenser Evacuation System				
a. Noble Gas Activity Monitor (SRA-1905)	D**	M	R(2)	Q(1)
b. System Effluent Flow Rate (SFR-401, 1-MR-054, SRA-1910)	D**	NA	R	Q
3. Auxiliary Building Ventilation System				
a. Noble Gas Activity Monitor (VRS-1505)	D*	M	R(2)	Q(1)
b. Iodine Sampler (For VRS-1503)	W*	NA	NA	NA
c. Particulate Sampler (For VRS-1501)	W*	NA	NA	NA
d. System Effluent Flow Rate Measurement Device (VFR-315, 1-MR-054, VRS-1510)	D*	NA	R	Q
e. Sampler Flow Rate Measurement Device (VFS-1521)	D*	NA	R	Q
4. Containment Purge System				
a. Aux. Building Vent. System Noble Gas Activity Monitor (VRS-1505)	D**	P	R(2)	Q(1)
b. Aux. Building Vent. System Particulate Sampler (For VRS-1501)	W**	NA	NA	NA
5. Waste Gas Holdup System				
a. Noble Gas Activity Monitor Providing Alarm & Termination of Gas Decay Tank Release (VRS-1505)	P**	P	R(2)	Q(5)

TABLE 4.3 (Cont'd)

RADIATION MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

OPERATION MODE/INSTRUMENT	CHANNEL CHECK	CHANNEL CALIBRATION	CHANNEL FUNCTIONAL TEST	MODES FOR WHICH SURVEILLANCE REQUIRED
iii) Noble Gas Channel (ERS 2405)	S*	R	M	6
3. Mode**				
A) Spent Fuel Storage (RRC-330)	S	R	M	**

* To include SOURCE CHECK per T/S Section 1.27.
** With fuel in storage pool or building.

TABLE 3.3-12

RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATION

Instrument	Minimum Channels Operable	Applicability	Action
1. Gross Radioactivity Monitors Providing Automatic Release Termination			
a. Liquid Radwaste Effluent Line (2-R-18)	(1)	At times of release	23
b. Steam Generator Blowdown Line (2-R-19)	(1)	At times of release	24
c. Steam Generator Blowdown Treatment Effluent (2-R-24)	(1)	At times of release	24
2. Gross Radioactivity Monitors Not Providing Automatic Release Termination			
a. Service Water System Effluent Line (2-R-20, 2-R-28)	(1) per train	At all times	25
3. Continuous Composite Sampler Flow Monitor			
a. Turbine Building Sump Effluent Line	(1)	At all times	25
4. Flow Rate Measurement Devices			
a. Liquid Radwaste Line (RFI-285)	(1)	At times of release	26
b. Discharge Pipes*	(1)	At all times	NA
c. Steam Generator Blowdown Treatment Effluent (2-DFI-352)	(1)	At times of release	26

* Pump curves and valve settings may be utilized to estimate flow; in such cases, Action Statement 26 is not applicable.

TABLE 4.3-9

Radioactive Gaseous Effluent Monitoring Instrumentation

Surveillance Requirements

Instrument (Instrument #)	Channel Check	Source Check	Channel Calibration	Channel Functional Test
1. Waste Gas Holdup System Explosive Gas Monitoring System				
a. Hydrogen Monitor (QC-31)	D***	NA	Q(3)	M
b. Oxygen Monitor (QC-31)	D***	NA	Q(4)	M
c. Oxygen Monitor (Alt. (QC-370)	D***	NA	Q(4)	M
2. Condenser Evacuation System				
a. Noble Gas Activity Monitor (SRA-2905)	D**	M	R(2)	Q(1)
b. System Effluent Flow Rate (SFR-401, 2-MR-054, SRA-2910)	D**	NA	R	Q
3. Auxiliary Building Ventilation System				
a. Noble Gas Activity Monitor (VRS-2505)	D*	M	R(2)	Q(1)
b. Iodine Sampler (For VRS-2503)	W*	NA	NA	NA
c. Particulate Sampler (For VRS-2501)	W*	NA	NA	NA
d. System Effluent Flow Rate Measurement Device (VFR-315, 2-MR-054, VRS-2510)	D*	NA	R	Q
e. Sampler Flow Rate Measurement Device (VFS-2521)	D*	NA	R	Q
4. Containment Purge System				
a. Aux. Building Vent. System Noble Gas Activity Monitor (VRS-2505)	D**	P	R(2)	Q(1)
b. Aux. Building Vent. System Particulate Sampler (For VRS-2501)	W**	NA	NA	NA
5. Waste Gas Holdup System				
a. Noble Gas Activity Monitor Providing Alarm & Termination of Gas Decay Tank Release (VRS-2505)	P**	P	R(2)	Q(5)