

Duke Power Company  
Catawba Nuclear Station  
4800 Concord Rd  
York, S.C. 29745

(803) 831-3000



DUKE POWER

December 21, 1992

RE: Catawba Nuclear Station  
Selected Licensee Commitments  
Effective 12/21/92

Attached are revisions to the Catawba Nuclear Station Selected Licensee Commitments. Please revise your copy as follows:

Remove

Insert

LOEP

Page 1 (12/92)  
Page 4 (12/92)  
Page 5 (12/92)

Page 1 (12/21/92)  
Page 4 (12/21/92)  
Page 5 (12/21/92)

Chapter 16.11

Page 16.11-8  
16.11-10  
16.11-11  
16.11-28  
16.11-30  
16.11-31  
16.11-32

Page 16-11.8 (12/21/92)  
16.11-10 (12/21/92)  
16.11-11 (12/21/92)  
16.11-28 (12/21/92)  
16.11-30 (12/21/92)  
16.11-31 (12/21/92)  
16.11-32 (12/21/92)

Any questions should be directed to the undersigned at  
803-831-3237.

*Kay E. Nicholson*

Kay E. Nicholson  
Regulatory Compliance

Attachments

SLC.LTR

290000

9212290345 921221  
PDR ADDCK 05000413  
P PDR

Printed on recycled paper

ADD 1/1

DUKE POWER COMPANY  
SELECTED LICENSEE COMMITMENTS MANUAL

List of Effective Pages

<u>Page</u>	<u>Revision Date</u>
LOEP 1	12/21/92
LOEP 2	10/21/92
LOEP 3	10/21/92
LOEP 4	12/21/92
LOEP 5	12/21/92
LOEP 6	12/92
LOEP 7	12/92

Tab 16.0

16.0-1	12/90
--------	-------

Tab 16.1

16.1-1	
--------	--

Tab 16.2

16.2-1	11/91
16.2-2	11/91
16.2-3	11/91

Tab 16.3

16.3-1	11/91
16.3-2	11/91
Table 16.3-1	11/91

Tab 16.4

DUKE POWER COMPANY  
SELECTED LICENSEE COMMITMENTS MANUAL

List of Effective Pages

<u>Page</u>	<u>Revision Date</u>
<u>Tab 16.11</u>	
16.11-1	
16.11-2	
16.11-3	
16.11-4	
16.11-5	
16.11-6	
16.11-7	
16.11-8	12/21/92
16.11-9	
16.11-10	12/21/92
16.11-11	12/21/92
16.11-12	
16.11-13	
16.11-14	
16.11-15	
16.11-16	
16.11-17	
16.11-18	
16.11-19	
16.11-20	
16.11-21	
16.11-22	

DUKE POWER COMPANY  
SELECTED LICENSEE COMMITMENTS MANUAL

List of Effective Pages

<u>Page</u>	<u>Revision Date</u>
16.11-23	
16.11-24	
16.11-25	
16.11-26	
16.11-27	
16.11-28	12/21/92
16.11-29	
16.11-30	12/21/92
16.11-31	12/21/92
16.11-32	12/21/92
16.11-33	
16.11-34	
16.11-35	
16.11-36	
16.11-37	
16.11-38	
16.11-39	
16.11-40	
16.11-41	
16.11-42	
16.11-43	
16.11-44	
16.11-45	

TABLE 16.11-2 (Page 1 of 3)

RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATION

<u>INSTRUMENT</u>		<u>MINIMUM CHANNELS OPERABLE</u>	<u>ACTION</u>
1.	Radioactivity Monitors Providing Alarm And Automatic Termination of Release		
a.	Waste Liquid Discharge Monitor (Low Range - EMF-49)	1 per station	1
b.	Turbine Building Sump Monitor (Low Range - EMF-31)	1	3
c.	Deleted		
d.	Monitor Tank Building Liquid Discharge Monitor (EMF-57)	1 per station	1
2.	Continuous Composite Samplers And Sampler Flow Monitor		
a.	Conventional Waste Water Treatment Line	1 per station	3
b.	Turbine Building Sump	1 per station	3*
3.	Flow Rate Measurement Devices		
a.	Waste Liquid Effluent Line	1 per station	2
b.	Conventional Waste Water Treatment Line	1 per station	2
c.	Low Pressure Service Water Minimum Flow Interlock	1 per station	2
d.	Monitor Tank Building Waste Liquid Effluent Line	1 per station	2
e.	Turbine Building Sump Demineralizer Skid Totalizer	1 per station	2*

TABLE 16.11-2 (Page 3 of 3)

ACTION STATEMENTS

ACTION 4 - Deleted

TABLE 16.11-3 (Page 1 of 2)

## RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

INSTRUMENT		CHANNEL CHECK	SOURCE CHECK	CHANNEL CALIBRATION	ANALOG CHANNEL OPERATIONAL TEST
1.	Radioactivity Monitors Providing Alarm and Automatic Termination of Release				
a.	Waste Liquid Discharge Monitor (Low Range - EMF-49)	D	P	R(2)	Q(1)
b.	Turbine Building Sump Monitor (Low Range - EMF-31)	D	M	R(2)	Q(1)
c.	Deleted				
d.	Monitor Tank Building Liquid Discharge Monitor (EMF-57)	D	P	R(2)	Q(1)
2.	Continuous Composite Samplers and Sampler Flow Monitor				
a.	Conventional Waste Water Treatment Line	D(3)	N.A.	R	N.A.
b.	Turbine Building Sump	D(3)	N.A.	R	N.A.
3.	Flow Rate Measurement Devices				
a.	Waste Liquid Effluent Line	D(3)	N.A.	R	N.A.
b.	Conventional Waste Water Treatment Line	D(3)	N.A.	R	N.A.
c.	Low Pressure Service Water Minimum Flow Interlock	D(3)	N.A.	R	Q
d.	Monitor Tank Building Waste Liquid Effluent Line	D(3)	N.A.	R	Q
e.	Turbine Building Sump Demineralizer Skid Totalizer	D(3)	N.A.	R	N.A.

TABLE 16.11-5 (Page 1 of 4)

## RADIOACTIVE GASEOUS EFFLUENT MONITORING INSTRUMENTATION

<u>INSTRUMENT</u>	<u>MINIMUM CHANNELS OPERABLE</u>	<u>APPLICABILITY</u>	<u>ACTION</u>
1. WASTE GAS HOLDUP SYSTEM			
a. Noble Gas Activity Monitor - Providing Alarm and Automatic Termination of Release (Low Range - EMF-50)	1 per station	*	1
b. Effluent System Flow Rate Measuring Device	1 per station	*	2
2. CONDENSER EVACUATION SYSTEM NOBLE GAS ACTIVITY MONITOR (LOW RANGE - EMF-33)	1	1, 2, 3, 4, #	6
3. VENT SYSTEM			
a. Noble Gas Activity Monitor (Low Range - EMF-36)	1	*	3
b. Iodine Sampler (EMF-37)	1	*	5
c. Particulate Sampler (EMF-35)	1	*	5
d. Flow Rate Monitor	1	*	2
e. Sampler Flow Rate Monitor	1	*	2
4. CONTAINMENT PURGE SYSTEM			
Noble Gas Activity Monitor - Providing Alarm and Automatic Termination of Release (Low Range - EMF-33)	1	**	4



TABLE NOTATIONS

\* At all times except when the isolation valve is closed and locked.

\*\* At all times.

# Apply Action 6B in  
Modes 5 and 6

ACTION STATEMENTS

- ACTION 1 - With the number of channels OPERABLE less than required the Minimum Channels OPERABLE requirement, the contents of the tank(s) may be released to the environment for up to 14 days provided that prior to initiating the release either:
- a. Vent system noble gas activity monitor providing alarm and automatic termination of release (Low Range - EMF-36) has at least one channel OPERABLE; or,
  - b. At least two independent samples of the tank's contents are analyzed, and at least two technically qualified members of the facility staff independently verify:
    1. The discharge valve lineup; and,
    2. The manual portion of the computer input for the release rate calculations performed on the computer, or the entire release rate calculations if such calculations are performed manually.
- Otherwise, suspend release of radioactive effluents via this pathway.
- ACTION 2 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, effluent releases via this pathway may continue for up to 30 days provided the flow rate is estimated at least once per 4 hours.
- ACTION 3 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, effluent releases via this pathway may continue for up to 30 days provided grab samples are taken at least once per 12 hours and these samples are analyzed for radioactivity within 24 hours.
- ACTION 4 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, immediately suspend PURGING of radioactive effluents via this pathway.

TABLE NOTATIONS

- ACTION 5 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, effluent releases via the affected pathway may continue for up to 30 days provided samples are continuously collected with auxiliary sampling equipment as required in Table 16.11-4.
- ACTION 6 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement:
- A. Effluent release via the CSAE System (ZJ) may continue for up to 30 days provided grab samples are taken at least once per 12 hours and these samples are analyzed for radioactivity within 24 hours, and
  - B. Gaseous effluent releases via the BB system atmospheric vent valve (BB27) in the off normal mode may continue for up to 30 days provided grab samples of steam generator water are analyzed for radioactivity at a lower limit of detection of no more than  $1\text{E-}7$  microCurie/ml:
    - a. At least once per 12 hours when the specific activity of the secondary coolant is greater than 0.01 microCurie/gram DOSE EQUIVALENT I-131, or
    - b. At least once per 24 hours when the specific activity of the secondary coolant is less than or equal to 0.01 microCurie/gram DOSE EQUIVALENT I-131.

TABLE 16.11-6 (Page 1 of 3)

RADIOACTIVE GASEOUS EFFLUENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>INSTRUMENT</u>	<u>CHANNEL CHECK</u>	<u>SOURCE CHECK</u>	<u>CHANNEL CALIBRATION</u>	<u>ANALOG CHANNEL OPERATIONAL TEST</u>	<u>MODES FOR WHICH SURVEILLANCE IS REQUIRED</u>
1. WASTE GAS HOLDUP SYSTEM					
a. Noble Gas Activity Monitor - Providing Alarm and Automatic Termination of Release (Low Range - EMF-50)	p	p	R(3)	Q(1)	*
b. Effluent System Flow Rate Measuring Device	p	N.A.	R	N.A.	*
2. Condenser Evacuation System					
Noble Gas Activity Monitor (Low Range - EMF-33)	D	M	R(3)	Q(1)	1, 2, 3, 4
3. Vent System					
a. Noble Gas Activity Monitor (Low Range - EMF-36)	D	M	R(3)	Q(2)	*
b. Iodine Sampler (EMF-37)	W	N.A.	N.A.	N.A.	*