

Frup

2 - 75-2-4

BT 7.8.1
Page 1 of 5, Rev 3
RC:ao

W. W. W.
4/30/75

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM UNIT 3

REVENUE UNIT

BT 7.8.1 NOISE LEVEL MEASUREMENTS
ENVIRONMENTAL
TECHNICAL SPECIFICATION: 2.3 and 3.3

Test Frequency:

Four times a year until Unit 3 has been in commercial operation for one year.

Test Results:

A. All of the asterisked steps were completed SATISFACTORILY.

PERFORMED BY:

SIGNATURE

R. B. F.

SIGNATURE (SHIFT SUPERVISION)

TIME/DATE

4/30/75

4-30-75

B. One or more of the asterisked steps was completed UNSATISFACTORILY.
Refer to Tech Spec 2.3 and 3.3.
Environmental

MRF

SIGNATURE

TIME/DATE

SIGNATURE (SHIFT SUPERVISION)

TIME/DATE

IMMEDIATELY NOTIFY PLANT SUPERINTENDENT OR ALTERNATE.

NAME OF PERSON NOTIFIED

TIME/DATE

SIGNATURE OF SHIFT SUPERINTENDENT OR SUPERVISOR

Additional action required if other portions of test did not function properly or other discrepancies were noted during test.

1. MRF submitted: MRF
2. Others:

SIGNATURE

DATE

REVIEWED BY:

[Signature]

PLANT STAFF SUPERVISION

5/5/75

DATE

PURPOSE:

To determine the noise levels at the site boundary.

REFERENCES:

Environment Technical Specifications.

PREREQUISITES:

1. Unit 2 or Unit 3 operating. 100%
2. Cooling Towers in service. A 100% (Check)
3. North Substation operating normally. ✓
4. Calibrate sound level meter. ✓

TEST EQUIPMENT REQUIRED:

Sound level meter which meets the requirements of ANSI Standard S1.1-1971, "Sound Level Meters".

PROCEDURE:

1. At the locations shown on Figures ST 7.8.1-1 and ST 7.8.1-2, measure the sound level. 100%

READING TAKEN AT A¹ IS A TRUE SPEED READER, A² IS GIVEN FOR INFORMATION PURPOSES ONLY.

2. Record the sound level readings on Data Sheet ST 7.8.1-3 when meter stability is achieved during a calm, windless day. Meters are very susceptible to background noise (e.g., birds chirping). Readings should be representative of the cooling tower noise contribution to the environment. 100%
3. The sound levels measured should be equal to or less than the limit shown. 100%
4. Inform Shift Supervision of the results of this test, and fill out the TEST RESULTS Section on the front page of this procedure. 100%

THIS COMPLETES THE NOISE LEVEL MEASUREMENT TEST.

DATA SHEET ST 7.8.1-1

NOISE LEVEL MEASUREMENTS

MARKER	LOCATION	READING	UNIT
A ¹	1800 feet south of "C" Cooling Tower, between discharge structure and "C" Cooling Tower.	44 dB(A)	45 dB(A) •
A ²	South of "C" Cooling Tower, near discharge structure.	42 dB(A)	45 dB(A)
B	North-west of North Substation, 700 feet west of #3 start-up transformers.	49 dB(A)	60 dB(A) •

LOCATION OF NOISE LEVEL

FIGURE 5 7.8.1-2
Page 5 of 5, Rev 3

MONUMENT NORTH - WEST OF NORTH SUB

