BROOKHAVEN NATIONAL LABORATORY
ENVIRONMENTAL Safety Health and Qualification Directorate

SOUND PRESSURE LEVEL SURVEY
NOISE MEASUREMENT FORM

DATE: 8/20/01 | SURVEYOR(S): Arthur Piper

I. AREA INFORMATION

DEPT: C-A | BLDG: 911 | ROOM: MG Room/Adjacent Areas.

SOURCE: Nesting House Motor Generator (under load)

ENGINEERING CONTROLS: Insulated Walls surrounding M.G. set.

II. EMPLOYEE INFORMATION

FIRST NAME:	LAST NAME:	BNL #:
DEPT: N/A	BLDG: N/A	JOB TITLE: N/A
EXPOSURE DURATION (HRS):	EXPOSURE (TIMES PER DAY):	EXPOSURE (DAYS PER YR):
JOB PERFORMED:		
PPE USED:		

III. SURVEY INSTRUMENT INFORMATION

INSTRUMENT: Gen Rad | MODEL: 1982-SLM | SERIAL#: 4991

FACTORY CALIBRATION DATE: 8-1-01 | PRE-CAL 8-20-01 BY: [illegible] | POST CAL: 8-23-01 BY: [illegible]

BATTERY CHECK (Y/N): Y

CALIBRATOR SERIAL #: 23136

	125	250	500	1000	2000		125	250	500	1000	2000
dBA				114.0		dBA				114.	
dBC				114.0		dBC				114	

IV. SAMPLING INFORMATION & RESULTS

Response: ___FAST ✓ SLOW | WIND SCREEN: Y N N/A

TIME	LOCATION OF SAMPLE READING	SPL READING dBA	SPL READING dBC	COMMENTS, SPECIAL CONDITIONS, and/or STATUS OF SOURCE
1400	See attached map 67-113.9			

_____Additional Data on back of form

V. CONCLUSIONS & RECOMMENDATIONS

Dual Hearing Protection Required in Room with MG Set. This Room Posted to Read 15min Maximum Occupancy with Dual Hearing Protection. Post Rest of building Hearing Protection Required After 5min. [illegible] 8-24-01

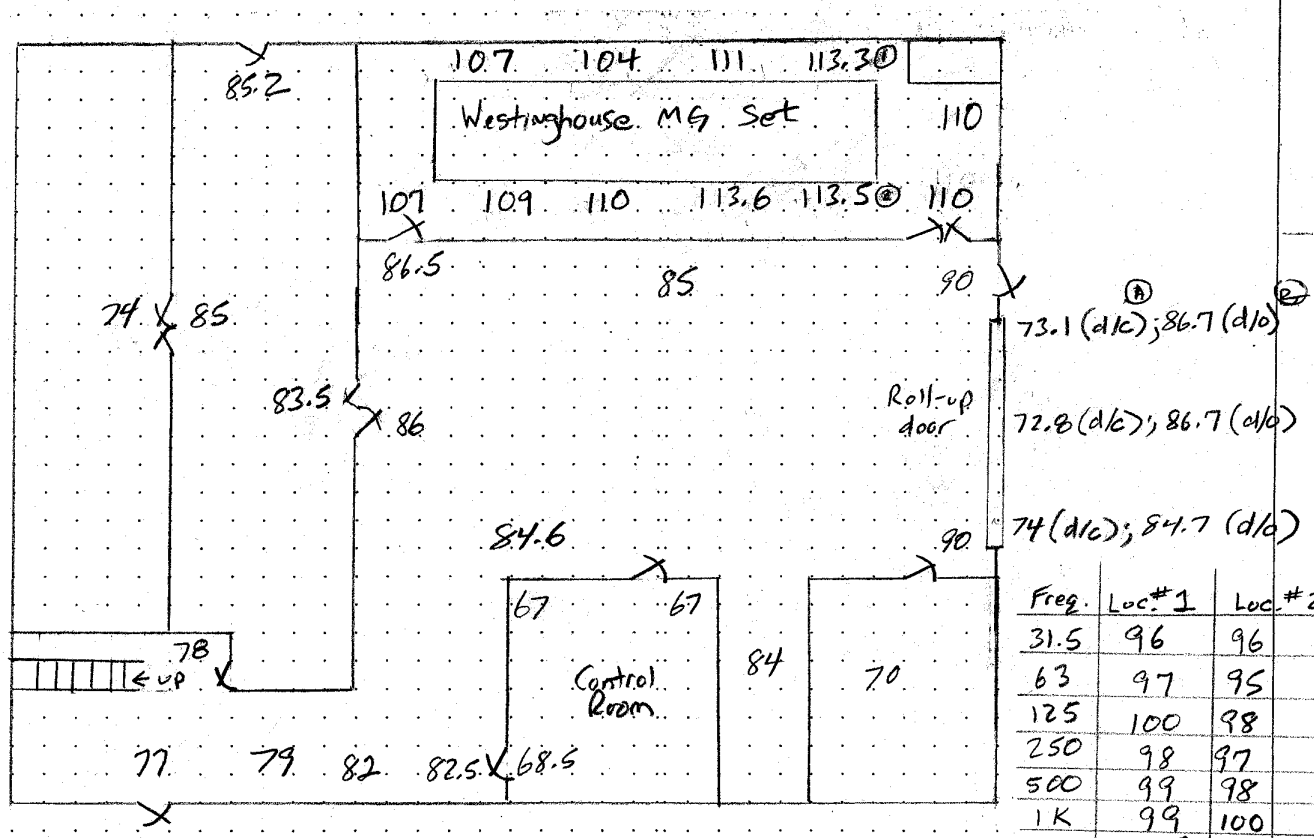
Return completed form to: SHSD IH Lab | FILE CODE: IH96SR. | FORM IH96 Area Survey (03/01)

IV. SAMPLING INFORMATION & RESULTS (continued)

Response: ___FAST ___SLOW WIND SCREEN: Y N

TIME	LOCATION OF SAMPLE READING	SPL READING dBA	SPL READING dBC	COMMENTS, SPECIAL CONDITIONS, and/or STATUS OF SOURCE

SKETCH OF SAMPLING AREA (OPTIONAL)



Freq.	Loc. #1	Loc. #2
31.5	96	96
63	97	95
125	100	98
250	98	97
500	99	98
1K	99	100
2K	113.5	113.9
4K	95	92
8K	92	92
16K	81	80.5

(A) door Closed - (measurement 12" from Door)
(B) door opened - (measurement 12" from Door)