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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD



In the Matter of )

CAROLINA POWER & LIGHT COMPANY )  
AND NORTH CAROLINA EASTERN )  
MUNICIPAL POWER AGENCY )

) Docket No. 50-400 OL  
)  
)

(Shearon Harris Nuclear Power Plant) )

CERTIFICATE OF SERVICE

I hereby certify that copies of an October 7, 1985 letter from Robert G. Black, Jr. to Craig S. Wingo with five pages of attached tables and a drawing entitled "Revised 60 dBC Coverage within the EPZ of the Shearon Harris Nuclear Power Plant" were served this 25th day of October, 1985 by deposit in the United States mail, first class, postage prepaid, to the parties on the attached Service List.

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Dated: October 25, 1985

8510310280 851025  
PDR ADOCK 05000400  
G PDR

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Carolina Power & Light Company

RELATED CORRESPONDENCE

October 7, 1985



Mr. Craig S. Wingo  
Chief Field Operations Branch  
Federal Emergency Management Agency (FEMA)  
Radiological Emergency Preparedness Program  
500 C. Street S.W.

Dear Mr. Wingo:

Please find enclosed a drawing titled "Revised 60dBC coverage within the EPZ of the Shearon Harris Nuclear Power Plant." This drawing represents a revised computer prediction of the siren coverage for the SHNPP Plume Emergency Planning Zone (EPZ). This revised computer prediction is based on acoustic field measurements obtained in the SHNPP EPZ by CP&L's contractor, Acoustic Technology, Inc.

CP&L personnel visited each of the regions identified as being outside of the revised computer predicted 60dBC contour to determine if resident housing existed. On the basis of these visits, Regions G, I, K, L, O, P, R, S, T, W, X, Y, and Z were determined not to contain dwellings or commercial buildings and therefore do not require 60dBC coverage. These regions are identified on the enclosed drawing by the dark shading and are identified in the drawing legend as "Unpopulated Region."

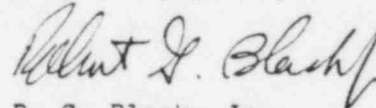
CP&L previously identified to FEMA six locations where additional sirens would be added because of high ambient background readings. These are identified on the enclosed drawing as "Proposed Siren" A, C, D, Q, V, and Z. The need for these sirens had been identified based on the conservative 60dBC computer predictions prior to field verification. Five of these six siren locations (Regions A, C, D, Q, and Z) cover regions currently identified as being outside of 60dBC coverage. Calculations based on actual field observations indicate that the sirens to be installed in these areas will ensure 60dBC coverage throughout these five regions.

October 7, 1985

Additional field testing was performed by CP&L personnel for Regions B, E, J, N, and U. Actual measurements were taken to ascertain siren coverage for these regions. The enclosed drawing identifies the locations where sound levels were obtained and results are tabulated on the enclosed table. One region was identified as being covered by less than 60dBC, Region U. An additional siren will be installed as indicated on the enclosed drawing. Calculations based on actual field observations indicate that this siren will ensure adequate coverage for this area.

Should you have any questions, feel free to contact me.

Very truly yours,



R. G. Black, Jr.

Manager

Emergency Preparedness

RGBjr/pcj (2100HRG)  
Enclosures

cc: Mr. Tom Carter  
Mr. John Heard  
Mr. Glen C. Woodard

SHNPP  
PUBLIC ALERT & NOTIFICATION SYSTEM  
SOUND PRESSURE LEVEL MEASUREMENTS  
SEPTEMBER 30, 1985

Measurement Location	Instrument Pre-Calibration	Ambient Reading	Sirens Activated	Activation Time	Activation Duration	Highest Observed Reading	Instrument Post-Calibration
L1	1110 HRS	37dBA	1,3	1120 HRS	3 MIN	62dBC	1125 HRS
L2	1150 HRS	37dBA	22,29	1152 HRS	3 MIN	65dBC	1157 HRS
L3	1405 HRS	34dBA	62,66	1415 HRS	3 MIN	63dBC	1420 HRS
L4	1440 HRS	39dBA	70,66	1445 HRS	3 MIN	72dBC	1450 HRS
L5	1500 HRS	33dBA	60,70	1510 HRS	3 MIN	55dBC	1515 HRS

All readings taken with:

General Radio Company  
1982 Precision Sound Level Meter  
Type 1 - A S S1.4 1971 &  
IEC R 123 1961  
Serial #5624

Settings: C WTG

Calibration made with:

General Radio Company  
1572-A Sound Level Calibrator

(2099HRG/pcj)  
October 2, 1985

10/03/85

14:41:12

TASK # 110002DF

SYSTEM

GOULD S.E.L. MPX-32 2.1

CPL.FEC2 PAGE

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METEOROLOGICAL DATA FROM MTHARR.D STARTING 09/30/85 00:00:00 ENDING 10/01/85 00:00:00  
 PAGE 1 OF OUTPUT FILE MTLIS1.L --- PRINTED 10/03/85

COD	TIME	TEMP (DEG F)	LDPIRM (DEG F)	DELT1 (C/100)	DELT2 (C/100)	WD10M (DEG.)	WV10M (MPH)	WV6M (MPH)	WD6M (DEG.)	WDV6M (DEG.)
002	09/30/85 00:00	50.970-G	45.010-G	13.552-G	13.347-G	349.500-G	.933-G	9.018-G	90.900-G	90.2-G
003	09/30/85 01:15	50.520-G	45.710-G	13.656-G	13.576-G	348.200-G	.950-G	5.976-G	98.040-G	1.004-G
004	09/30/85 02:30	50.050-G	45.500-G	13.429-G	13.208-G	12.766-G	.206-G	6.024-G	99.720-G	1.067-G
005	09/30/85 03:45	49.800-G	45.510-G	13.357-G	13.231-G	348.000-G	.936-G	5.296-G	107.000-G	1.317-G
006	09/30/85 04:00	50.140-G	45.700-G	12.300-G	12.225-G	349.100-G	1.293-G	4.796-G	115.140-G	1.527-G
007	09/30/85 05:15	49.710-G	45.600-G	12.501-G	12.402-G	359.600-G	.914-G	4.913-G	119.200-G	2.100-G
008	09/30/85 06:30	48.940-G	45.210-G	12.709-G	12.517-G	342.500-G	.308-G	4.004-G	126.620-G	2.166-G
009	09/30/85 07:45	49.040-G	44.950-G	11.911-G	11.732-G	313.100-G	.497-G	4.062-G	144.110-G	2.634-G
010	09/30/85 08:00	49.570-G	45.650-G	11.092-G	10.859-G	357.600-G	.516-G	4.057-G	147.310-G	3.014-G
011	09/30/85 09:15	48.610-G	45.610-G	11.991-G	11.053-G	359.400-G	.725-G	4.718-G	147.060-G	2.773-G
012	09/30/85 10:30	48.360-G	44.700-G	11.711-G	11.582-G	26.320-G	.492-G	4.413-G	139.440-G	2.365-G
013	09/30/85 11:45	48.010-G	44.430-G	11.837-G	11.703-G	74.130-G	.001-G	5.125-G	129.950-G	2.012-G
014	09/30/85 12:00	48.010-G	44.300-G	11.726-G	11.595-G	37.670-G	.003-G	4.781-G	123.910-G	2.379-G
015	09/30/85 13:15	48.240-G	44.630-G	10.337-G	10.056-G	15.947-G	.003-G	4.708-G	126.990-G	3.063-G
016	09/30/85 14:30	49.120-G	45.700-G	11.167-G	11.059-G	20.030-G	1.504-G	6.455-G	136.410-G	3.013-G
017	09/30/85 15:45	48.710-G	45.300-G	11.717-G	11.536-G	342.500-G	1.316-G	5.743-G	155.780-G	3.091-G
018	09/30/85 16:00	48.870-G	45.200-G	11.607-G	11.470-G	358.500-G	1.303-G	4.046-G	160.420-G	2.339-G
019	09/30/85 17:15	48.150-G	45.000-G	11.244-G	11.111-G	359.300-G	1.647-G	2.768-G	173.350-G	2.003-G
020	09/30/85 18:30	47.430-G	44.600-G	12.732-G	12.600-G	355.500-G	.345-G	2.773-G	173.850-G	1.705-G
021	09/30/85 19:45	47.140-G	44.300-G	12.132-G	12.100-G	357.500-G	.172-G	2.464-G	169.740-G	1.407-G
022	09/30/85 20:00	47.650-G	44.100-G	11.410-G	11.200-G	5.000-G	.192-G	1.267-G	175.650-G	1.519-G
023	09/30/85 21:15	47.250-G	44.100-G	11.900-G	11.100-G	5.000-G	.003-G	.202-G	190.870-G	1.351-G
024	09/30/85 22:30	47.250-G	44.100-G	11.900-G	11.100-G	348.100-G	1.032-G	.178-G	224.200-G	2.013-G
025	09/30/85 23:45	46.900-G	44.100-G	11.500-G	11.400-G	340.500-G	1.349-G	1.255-G	298.100-G	3.013-G
026	09/30/85 00:00	47.160-G	44.100-G	11.900-G	11.500-G	352.000-G	.317-G	1.817-G	334.200-G	2.700-G
027	09/30/85 01:15	47.300-G	45.200-G	11.600-G	11.200-G	357.900-G	.003-G	2.049-G	351.100-G	2.100-G
028	09/30/85 02:30	47.990-G	46.000-G	10.500-G	10.100-G	112.300-G	.637-G	2.905-G	14.853-G	2.000-G
029	09/30/85 03:45	49.240-G	47.400-G	9.100-G	8.800-G	119.200-G	.637-G	2.817-G	18.499-G	1.414-G
030	09/30/85 04:00	51.400-G	49.400-G	6.500-G	6.300-G	96.500-G	.500-G	3.195-G	26.070-G	1.303-G
031	09/30/85 05:15	56.800-G	53.800-G	2.600-G	2.400-G	265.800-G	1.013-G	3.260-G	24.530-G	1.432-G
032	09/30/85 06:30	58.900-G	55.900-G	2.600-G	2.400-G	265.800-G	1.013-G	3.841-G	349.100-G	1.534-G
033	09/30/85 07:45	61.200-G	58.200-G	-1.304-G	-1.100-G	225.900-G	1.565-G	2.312-G	333.000-G	3.700-G
034	09/30/85 08:00	63.200-G	57.400-G	-1.307-G	-1.100-G	315.500-G	1.537-G	2.305-G	349.700-G	999.000-G
035	09/30/85 09:15	65.100-G	58.100-G	-1.308-G	-1.100-G	225.200-G	1.477-G	2.612-G	340.600-G	999.000-G
036	09/30/85 10:30	67.400-G	58.700-G	-1.308-G	-1.100-G	225.200-G	1.477-G	1.305-G	203.600-G	999.000-G
037	09/30/85 11:45	69.000-G	58.700-G	-1.401-G	-1.100-G	225.200-G	1.477-G	2.100-G	260.500-G	999.000-G
038	09/30/85 12:00	69.000-G	58.700-G	-1.401-G	-1.100-G	11.100-G	2.200-G	2.100-G	238.600-G	999.000-G
039	09/30/85 13:15	70.300-G	57.400-G	-1.605-G	-1.100-G	11.100-G	3.000-G	3.000-G	165.600-G	999.000-G
040	09/30/85 14:30	76.700-G	56.400-G	-1.403-G	-1.100-G	11.100-G	3.000-G	2.900-G	138.900-G	999.000-G
041	09/30/85 15:45	72.600-G	56.400-G	-1.308-G	-1.100-G	11.100-G	3.000-G	5.000-G	133.300-G	999.000-G
042	09/30/85 16:00	73.600-G	56.400-G	-1.308-G	-1.100-G	11.100-G	3.000-G	4.000-G	111.400-G	999.000-G
043	09/30/85 17:15	75.600-G	54.000-G	-1.806-G	-1.100-G	11.100-G	3.000-G	4.000-G	156.400-G	999.000-G
044	09/30/85 18:30	71.200-G	53.000-G	-1.407-G	-1.100-G	11.100-G	3.000-G	4.000-G	262.300-G	999.000-G
045	09/30/85 19:45	71.200-G	53.000-G	-1.407-G	-1.100-G	11.100-G	3.000-G	4.000-G	262.300-G	999.000-G
046	09/30/85 20:00	71.200-G	53.000-G	-1.407-G	-1.100-G	11.100-G	3.000-G	4.000-G	262.300-G	999.000-G
047	09/30/85 21:15	71.200-G	53.000-G	-1.407-G	-1.100-G	11.100-G	3.000-G	4.000-G	262.300-G	999.000-G
048	09/30/85 22:30	71.200-G	53.000-G	-1.407-G	-1.100-G	11.100-G	3.000-G	4.000-G	262.300-G	999.000-G
049	09/30/85 23:45	71.200-G	53.000-G	-1.407-G	-1.100-G	11.100-G	3.000-G	4.000-G	262.300-G	999.000-G

QUALITY CODES: C GOOD DATA S-SUBSTITUTE DATA B-OUT OF RANGE U-NOT RECEIVED CORRECTLY



10/03/85

14:41:12

TASK # 110002DF

SYSTEM

GOULD S.E.L. MPX-32 2.1

CPL.FEC2

PAGE

2

METEOROLOGICAL DATA FROM MTHARR.D STARTING 09/30/85 00:00:00 ENDING 10/01/85 00:00:00  
FILE 2 OF OUTPUT FILE MTHARR.D -- PRINTED 10/03/85

COD	TIME	TEMP (DEG F)	LRP100 (DEG F)	DELTA (C/100)	WD100 (DEG)	WD100 (H/100)	WDVGM (H/100)	WDVGM (DEG)	WDVGM (DEG)	WDVGM (DEG)
H01	09/30/85	12:00	74.700-G	-1.879-G	195.906-G	5.005-G	5.902-G	208.800-G	999.000-G	999.000-G
H01	09/30/85	12:15	53.300-G	-1.927-G	200.176-G	4.741-G	5.706-G	219.700-G	999.000-G	999.000-G
H01	09/30/85	12:30	53.300-G	-1.981-G	195.926-G	4.113-G	5.609-G	216.300-G	999.000-G	999.000-G
H01	09/30/85	12:45	53.300-G	-1.585-G	267.600-G	5.677-G	7.206-G	247.100-G	999.000-G	999.000-G
H01	09/30/85	13:00	54.100-G	-1.414-G	268.800-G	3.437-G	4.409-G	249.600-G	999.000-G	999.000-G
H01	09/30/85	13:15	53.700-G	-1.700-G	186.456-G	4.922-G	6.402-G	186.400-G	999.000-G	999.000-G
H01	09/30/85	13:30	53.400-G	-1.795-G	203.000-G	5.207-G	6.706-G	202.500-G	999.000-G	999.000-G
H01	09/30/85	13:45	53.400-G	-1.919-G	216.700-G	5.700-G	6.706-G	213.900-G	999.000-G	999.000-G
H01	09/30/85	14:00	53.400-G	-1.989-G	205.700-G	4.593-G	5.907-G	213.200-G	999.000-G	999.000-G
H01	09/30/85	14:15	53.400-G	-1.829-G	194.816-G	3.934-G	5.504-G	196.700-G	999.000-G	999.000-G
H01	09/30/85	14:30	53.700-G	-1.942-G	162.500-G	4.253-G	5.903-G	176.500-G	999.000-G	999.000-G
H01	09/30/85	14:45	53.700-G	-1.814-G	158.156-G	4.117-G	4.432-G	169.150-G	999.000-G	999.000-G
H01	09/30/85	15:00	54.000-G	-1.473-G	181.446-G	2.917-G	3.721-G	177.700-G	999.000-G	999.000-G
H01	09/30/85	15:15	54.000-G	-1.409-G	127.716-G	3.613-G	4.338-G	160.100-G	999.000-G	999.000-G
H01	09/30/85	15:30	54.000-G	-1.406-G	97.816-G	2.933-G	3.331-G	101.100-G	999.000-G	999.000-G
H01	09/30/85	15:45	54.000-G	-1.403-G	172.526-G	2.411-G	3.076-G	140.200-G	999.000-G	999.000-G
H01	09/30/85	16:00	54.500-G	-1.679-G	126.526-G	3.633-G	3.904-G	133.800-G	999.000-G	999.000-G
H01	09/30/85	16:15	54.500-G	-1.340-G	197.426-G	2.603-G	3.504-G	200.700-G	999.000-G	999.000-G
H01	09/30/85	16:30	54.500-G	-1.241-G	210.906-G	1.573-G	2.208-G	200.700-G	999.000-G	999.000-G
H01	09/30/85	16:45	54.500-G	-1.403-G	123.846-G	2.117-G	3.682-G	141.900-G	999.000-G	999.000-G
H01	09/30/85	17:00	54.500-G	-1.403-G	150.436-G	2.217-G	3.636-G	169.600-G	999.000-G	999.000-G
H01	09/30/85	17:15	54.500-G	-1.403-G	165.050-G	1.373-G	3.239-G	169.400-G	999.000-G	999.000-G
H01	09/30/85	17:30	54.500-G	-1.403-G	159.090-G	1.134-G	3.406-G	169.400-G	999.000-G	999.000-G
H01	09/30/85	17:45	54.500-G	-1.403-G	136.516-G	4.906-G	4.814-G	163.900-G	999.000-G	999.000-G
H01	09/30/85	18:00	54.500-G	-1.403-G	168.640-G	1.473-G	5.243-G	172.100-G	999.000-G	999.000-G
H01	09/30/85	18:15	54.500-G	-1.403-G	32.506-G	1.173-G	5.243-G	136.500-G	999.000-G	999.000-G
H01	09/30/85	18:30	54.500-G	-1.403-G	74.416-G	1.473-G	5.243-G	169.500-G	999.000-G	999.000-G
H01	09/30/85	18:45	54.500-G	-1.403-G	59.790-G	1.473-G	5.243-G	117.100-G	999.000-G	999.000-G
H01	09/30/85	19:00	54.500-G	-1.403-G	84.260-G	1.503-G	10.707-G	110.710-G	999.000-G	999.000-G
H01	09/30/85	19:15	54.500-G	-1.403-G	76.736-G	9.811-G	10.707-G	120.000-G	999.000-G	999.000-G
H01	09/30/85	19:30	54.500-G	-1.403-G	91.060-G	9.811-G	11.419-G	123.150-G	999.000-G	999.000-G
H01	09/30/85	19:45	54.500-G	-1.403-G	91.266-G	9.811-G	11.419-G	126.400-G	999.000-G	999.000-G
H01	09/30/85	20:00	54.500-G	-1.403-G	37.060-G	7.377-G	9.910-G	129.500-G	999.000-G	999.000-G
H01	09/30/85	20:15	54.500-G	-1.403-G	2.279-G	2.322-G	8.802-G	130.200-G	999.000-G	999.000-G
H01	09/30/85	20:30	54.500-G	-1.403-G	4.227-G	6.633-G	8.431-G	136.710-G	999.000-G	999.000-G
H01	09/30/85	20:45	54.500-G	-1.403-G	17.436-G	6.633-G	8.431-G	136.500-G	999.000-G	999.000-G
H01	09/30/85	21:00	54.500-G	-1.403-G	55.230-G	6.633-G	8.431-G	133.410-G	999.000-G	999.000-G
H01	09/30/85	21:15	54.500-G	-1.403-G	9.221-G	6.633-G	8.431-G	136.260-G	999.000-G	999.000-G
H01	09/30/85	21:30	54.500-G	-1.403-G	340.000-G	1.363-G	8.497-G	142.900-G	999.000-G	999.000-G
H01	09/30/85	21:45	54.500-G	-1.403-G	3.437-G	9.929-G	7.518-G	147.800-G	999.000-G	999.000-G
H01	09/30/85	22:00	54.500-G	-1.403-G	22.026-G	3.437-G	7.439-G	148.410-G	999.000-G	999.000-G
H01	09/30/85	22:15	54.500-G	-1.403-G	56.706-G	4.233-G	7.439-G	147.500-G	999.000-G	999.000-G
H01	09/30/85	22:30	54.500-G	-1.403-G	1.860-G	1.860-G	7.439-G	147.500-G	999.000-G	999.000-G
H01	09/30/85	22:45	54.500-G	-1.403-G	7.979-G	6.633-G	7.439-G	152.000-G	999.000-G	999.000-G
H01	09/30/85	23:00	54.500-G	-1.403-G	3.256-G	2.977-G	7.335-G	159.740-G	999.000-G	999.000-G
H01	09/30/85	23:15	54.500-G	-1.403-G	3.256-G	2.977-G	7.335-G	167.400-G	999.000-G	999.000-G
H01	09/30/85	23:30	54.500-G	-1.403-G	17.606-G	1.111-G	7.614-G	177.700-G	999.000-G	999.000-G
H01	09/30/85	23:45	54.500-G	-1.403-G	17.606-G	1.111-G	7.614-G	176.100-G	999.000-G	999.000-G
H01	09/30/85	24:00	54.500-G	-1.403-G	17.606-G	1.111-G	7.614-G	181.300-G	999.000-G	999.000-G

FILE TYPE CODE : C COULD DATA SUBSTITUTION DATA BADOUT OF RANGE B NOT RECEIVED CORRECTLY

10/03/85

14:41:42

TASK # 110002DF

SYSTEM

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CPL.FEC2 PAGE

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METEOROLOGICAL DATA FROM MTHARR.D STARTING 09/30/85 00:00:00 ENDING 10/01/85 00:00:00  
PAGE 1 OF OUTPUT FILE MTLIS2.L --- PRINTED 10/03/85

COO	TIME	WDV10M (DEG. )	CDP10M (DEG F)	CDP60M (DEG F)	PRECIP (INCH )	SOLRAD (LAN/H)	BARPRS (INCH )
HAR	09/30/85 00:00	1.607-G	47.190-G	49.530-G	.000-G	.000-G	29.960-G
HAR	09/30/85 00:15	1.220-G	999.000-S	999.000-S	.000-G	.000-G	29.960-G
HAR	09/30/85 00:30	1.203-G	999.000-S	999.000-S	.000-G	.000-G	29.960-G
HAR	09/30/85 00:45	1.543-G	47.030-G	50.620-G	.000-G	.000-G	29.960-G
HAR	09/30/85 01:00	2.820-G	47.640-G	50.920-G	.000-G	.000-G	29.960-G
HAR	09/30/85 01:15	3.576-G	47.070-G	51.420-G	.000-G	.000-G	29.960-G
HAR	09/30/85 01:30	3.496-G	46.490-G	51.510-G	.000-G	.000-G	29.960-G
HAR	09/30/85 01:45	1.748-G	46.770-G	51.560-G	.000-G	.000-G	29.960-G
HAR	09/30/85 02:00	1.601-G	46.990-G	51.660-G	.000-G	.000-G	29.960-G
HAR	09/30/85 02:15	1.520-G	46.750-G	52.380-G	.000-G	.000-G	29.960-G
HAR	09/30/85 02:30	2.193-G	46.760-G	52.720-G	.000-G	.000-G	29.960-G
HAR	09/30/85 02:45	2.328-G	46.300-G	53.260-G	.000-G	.000-G	29.950-G
HAR	09/30/85 03:00	2.002-G	46.400-G	53.630-G	.000-G	.000-G	29.950-G
HAR	09/30/85 03:15	2.170-G	46.940-G	53.520-G	.000-G	.000-G	29.950-G
HAR	09/30/85 03:30	1.266-G	48.120-G	54.380-G	.000-G	.000-G	29.950-G
HAR	09/30/85 03:45	3.682-G	47.960-G	55.400-G	.000-G	.000-G	29.950-G
HAR	09/30/85 04:00	3.771-G	47.670-G	55.780-G	.000-G	.000-G	29.950-G
HAR	09/30/85 04:15	2.969-G	47.710-G	55.930-G	.000-G	.000-G	29.950-G
HAR	09/30/85 04:30	1.801-G	47.790-G	55.790-G	.000-G	.000-G	29.950-G
HAR	09/30/85 04:45	.873-G	46.830-G	55.710-G	.000-G	.000-G	29.950-G
HAR	09/30/85 05:00	.969-G	45.950-G	55.930-G	.000-G	.000-G	29.950-G
HAR	09/30/85 05:15	.647-G	45.990-G	55.740-G	.000-G	.000-G	29.950-G
HAR	09/30/85 05:30	.339-G	46.260-G	55.660-G	.000-G	.000-G	29.950-G
HAR	09/30/85 05:45	.161-G	45.850-G	55.370-G	.000-G	.000-G	29.950-G
HAR	09/30/85 06:00	.359-G	45.850-G	55.840-G	.000-G	.000-G	29.950-G
HAR	09/30/85 06:15	.466-G	46.040-G	55.510-G	.000-G	.001-G	29.950-G
HAR	09/30/85 06:30	.247-G	45.300-G	55.640-G	.000-G	.016-G	29.950-G
HAR	09/30/85 06:45	.369-G	45.420-G	55.830-G	.000-G	.036-G	29.960-G
HAR	09/30/85 07:00	2.607-G	45.900-G	55.970-G	.000-G	.068-G	29.960-G
HAR	09/30/85 07:15	2.979-G	46.400-G	55.910-G	.000-G	.134-G	29.960-G
HAR	09/30/85 07:30	1.211-G	48.220-G	56.110-G	.000-G	.141-G	29.960-G
HAR	09/30/85 07:45	.829-G	49.930-G	56.680-G	.000-G	.271-G	29.960-G
HAR	09/30/85 08:00	5.282-G	51.800-G	56.150-G	.000-G	.371-G	29.960-G
HAR	09/30/85 08:15	6.979-G	53.440-G	54.880-G	.000-G	.457-G	29.960-G
HAR	09/30/85 08:30	8.632-G	55.010-G	55.670-G	.000-G	.545-G	29.960-G
HAR	09/30/85 08:45	9.267-G	55.760-G	56.430-G	.000-G	.629-G	29.950-G
HAR	09/30/85 09:00	10.875-G	56.440-G	57.140-G	.000-G	.691-G	29.950-G
HAR	09/30/85 09:15	12.632-G	57.030-G	57.670-G	.000-G	.758-G	29.960-G
HAR	09/30/85 09:30	17.688-G	57.530-G	58.130-G	.000-G	.841-G	29.960-G
HAR	09/30/85 09:45	15.681-G	57.090-G	57.480-G	.000-G	.901-G	29.950-G
HAR	09/30/85 10:00	13.268-G	56.470-G	57.210-G	.000-G	.963-G	29.950-G
HAR	09/30/85 10:15	10.567-G	56.180-G	56.710-G	.000-G	1.011-G	29.950-G
HAR	09/30/85 10:30	10.260-G	55.510-G	56.390-G	.000-G	1.065-G	29.950-G
HAR	09/30/85 10:45	11.509-G	54.030-G	55.030-G	.000-G	1.116-G	29.940-G
HAR	09/30/85 11:00	17.547-G	52.930-G	53.570-G	.000-G	1.157-G	29.920-G
HAR	09/30/85 11:15	19.434-G	52.420-G	53.110-G	.000-G	1.187-G	29.920-G
HAR	09/30/85 11:30	18.416-G	52.700-G	53.310-G	.000-G	1.230-G	29.920-G
HAR	09/30/85 11:45	12.705-G	53.220-G	53.710-G	.000-G	1.249-G	29.910-G

QUALITY CODES: G=GOOD DATA S=SUBSTITUTE DATA B=OUT OF RANGE U=NOT RECEIVED CORRECTLY



10/03/85

14:41:42

TASK # 110002DF

SYSTEM

GOULD S.E.L. MPX-32 2.1

CPL.FEC2 PAGE

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METEOROLOGICAL DATA FROM MTHARR.D STARTING 09/30/85 00:00:00 ENDING 10/01/85 00:00:00  
PAGE 2 OF OUTPUT FILE MTLIS2.L --- PRINTED 10/03/85

CODE	TIME	WDV10M (DEG.)	CDP10M (DEG F)	CDP60M (DEG F)	PRECIP (INCH)	SOLRAD (LAN/H)	BARPRS (INCH)
HAR	09/30/85 12:00	9.527-G	52.890-G	53.350-G	.000-G	1.065-G	29.910-G
HAR	09/30/85 12:15	11.582-G	999.000-S	999.000-S	.000-G	1.293-G	29.880-G
HAR	09/30/85 12:30	11.863-G	999.000-S	999.000-S	.000-G	1.177-G	29.000-G
HAR	09/30/85 12:45	14.136-G	53.200-G	53.650-G	.000-G	.783-G	29.870-G
HAR	09/30/85 13:00	11.554-G	53.270-G	53.940-G	.000-G	1.264-G	29.070-G
HAR	09/30/85 13:15	12.464-G	52.670-G	53.360-G	.000-G	1.208-G	29.870-G
HAR	09/30/85 13:30	12.827-G	53.230-G	53.780-G	.000-G	1.149-G	29.870-G
HAR	09/30/85 13:45	11.570-G	52.950-G	53.450-G	.000-G	1.102-G	29.860-G
HAR	09/30/85 14:00	10.566-G	53.040-G	53.540-G	.000-G	1.046-G	29.850-G
HAR	09/30/85 14:15	12.000-G	52.880-G	53.490-G	.000-G	1.025-G	29.830-G
HAR	09/30/85 14:30	11.149-G	53.140-G	53.730-G	.000-G	.869-G	29.830-G
HAR	09/30/85 14:45	11.423-G	53.270-G	53.870-G	.000-G	.756-G	29.830-G
HAR	09/30/85 15:00	19.884-G	53.080-G	53.710-G	.000-G	.716-G	29.820-G
HAR	09/30/85 15:15	16.452-G	53.310-G	53.850-G	.000-G	.686-G	29.820-G
HAR	09/30/85 15:30	11.565-G	53.340-G	53.930-G	.000-G	.639-G	29.810-G
HAR	09/30/85 15:45	13.861-G	53.280-G	54.010-G	.000-G	.548-G	29.790-G
HAR	09/30/85 16:00	11.652-G	53.730-G	54.150-G	.000-G	.518-G	29.790-G
HAR	09/30/85 16:15	11.679-G	53.390-G	54.010-G	.000-G	.444-G	29.790-G
HAR	09/30/85 16:30	12.078-G	53.290-G	53.960-G	.000-G	.372-G	29.790-G
HAR	09/30/85 16:45	11.987-G	53.620-G	54.070-G	.000-G	.288-G	29.790-G
HAR	09/30/85 17:00	14.054-G	53.650-G	53.960-G	.000-G	.223-G	29.790-G
HAR	09/30/85 17:15	11.169-G	54.240-G	53.480-G	.000-G	.165-G	29.790-G
HAR	09/30/85 17:30	7.143-G	54.050-G	53.860-G	.000-G	.100-G	29.790-G
HAR	09/30/85 17:45	3.604-G	55.440-G	54.240-G	.000-G	.043-G	29.790-G
HAR	09/30/85 18:00	3.117-G	55.740-G	53.670-G	.000-G	.007-G	29.790-G
HAR	09/30/85 18:15	2.225-G	56.160-G	54.400-G	.000-G	.000-G	29.790-G
HAR	09/30/85 18:30	3.903-G	56.050-G	54.960-G	.000-G	.000-G	29.790-G
HAR	09/30/85 18:45	3.585-G	56.140-G	55.280-G	.000-G	.000-G	29.790-G
HAR	09/30/85 19:00	3.457-G	55.230-G	55.300-G	.000-G	.000-G	29.790-G
HAR	09/30/85 19:15	3.552-G	55.840-G	55.620-G	.000-G	.000-G	29.790-G
HAR	09/30/85 19:30	3.365-G	55.990-G	55.680-G	.000-G	.000-G	29.790-G
HAR	09/30/85 19:45	2.379-G	55.900-G	55.880-G	.000-G	.000-G	29.750-G
HAR	09/30/85 20:00	6.330-G	55.730-G	56.100-G	.000-G	.000-G	29.820-G
HAR	09/30/85 20:15	9.087-G	55.710-G	56.180-G	.000-G	.000-G	29.820-G
HAR	09/30/85 20:30	3.834-G	55.680-G	56.190-G	.000-G	.000-G	29.820-G
HAR	09/30/85 20:45	2.304-G	55.680-G	56.280-G	.000-G	.000-G	29.830-G
HAR	09/30/85 21:00	1.806-G	55.610-G	56.240-G	.000-G	.000-G	29.830-G
HAR	09/30/85 21:15	1.366-G	55.610-G	56.170-G	.000-G	.000-G	29.830-G
HAR	09/30/85 21:30	1.909-G	55.640-G	56.000-G	.000-G	.000-G	29.830-G
HAR	09/30/85 21:45	1.866-G	55.690-G	55.890-G	.000-G	.000-G	29.830-G
HAR	09/30/85 22:00	1.469-G	55.730-G	55.850-G	.000-G	.000-G	29.830-G
HAR	09/30/85 22:15	1.620-G	55.710-G	55.820-G	.000-G	.000-G	29.830-G
HAR	09/30/85 22:30	1.656-G	55.640-G	55.900-G	.000-G	.000-G	29.830-G
HAR	09/30/85 22:45	1.151-G	55.510-G	55.990-G	.000-G	.000-G	29.830-G
HAR	09/30/85 23:00	.734-G	55.300-G	56.120-G	.000-G	.000-G	29.830-G
HAR	09/30/85 23:15	1.897-G	55.510-G	56.760-G	.000-G	.000-G	29.830-G
HAR	09/30/85 23:30	1.717-G	54.980-G	57.210-G	.000-G	.000-G	29.830-G
HAR	09/30/85 23:45	1.001-G	55.320-G	57.340-G	.000-G	.000-G	29.830-G

QUALITY CODES: G=GOOD DATA S=SUBSTITUTE DATA B=OUT OF RANGE U=NOT RECEIVED CORRECTLY

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