

FIVE
MILE
BRANCH

FIVE MILE BRANCH

FIA

SNUMB = 3376T, ACTIVITY # = 01, REPORT CODE = 52, RECORD COUNT = 000143

T1 LUMBERTON NC FIVE MILE BRANCH
 T2 FLOOD INSURANCE STUDY
 T3 10-YEAR Q FIVE MILE BRANCH

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FR
 0. 2. 0. 0. 0. 0. 0. 0. 118,600 0.

J2 NPROF IPLOT PREVS XSECV XSECH FN ALLDC IBM CHNIM ITRACE
 1,000 0. -1,000 5,000 500,000 0. 0. 0. 0. 0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

38,000 1,000 50,000 42,000 33,000 58,000 39,000 0. 38,000 1,000

50,000 51,000 40,000 41,000 25,000 0. 38,000 1,000 43,000 13,000

55,000 14,000 26,000 15,000 56,000 8,000 0. 38,000 1,000 50,000

7,000 16,000 17,000 18,000 4,000 53,000 54,000 34,000 0. 0.

J5 LPRNT NUMSEC

*****REQUESTED SECTION NUMBERS*****

-10,000 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.

NC	0.120	0.120	0.050	0.100	0.300	0.	0.	0.	0.	0.
QT	5,000	1435,000	2840,000	3700,000	6400,000	3700,000	0.	0.	0.	0.
ET	0.	0.	0.	0.	0.	10,400	0.	0.	0.	0.

X1	1260,000	22,000	420,000	530,000	0.	0.	0.	0.	0.	0.
GR	131,800	0.	114,000	305,000	114,200	400,000	113,600	450,000	113,500	480,000
GR	111,500	490,000	108,700	500,000	111,700	515,000	116,400	530,000	112,500	539,000
GR	112,100	551,000	111,400	600,000	114,000	1350,000	120,000	1475,000	120,500	1500,000
GR	120,000	1535,000	118,000	1555,000	116,000	1740,000	116,000	1790,000	118,000	2030,000
GR	120,000	2220,000	130,000	2560,000	0.	0.	0.	0.	0.	0.

X1	8350,000	21,000	985,000	1019,000	7090,000	7090,000	7090,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	122,500	122,500	0.
GR	130,000	0.	126,000	35,000	126,000	400,000	126,000	535,000	124,000	620,000
GR	122,000	650,000	120,000	735,000	118,000	755,000	116,700	900,000	118,500	985,000
GR	113,400	987,000	111,300	1000,000	113,700	1011,000	120,000	1019,000	117,300	1100,000
GR	116,000	1230,000	114,000	1475,000	114,000	3025,000	120,000	3590,000	128,000	3750,000
GR	130,000	3890,000	0.	0.	0.	0.	0.	0.	0.	0.
SB	0.950	1,500	3,100	0.	32,000	1,000	268,000	0,500	0.	0.
NC	0.050	0.100	0.050	0.	0.	0.	0.	0.	0.	0.

X1	8550,000	20,000	980,000	1021,000	200,000	200,000	200,000	0.	0.	0.
X2	0.	0.	1,000	119,700	122,200	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	122,500	122,500	0.
BT	8,000	130,000	139,000	0.	240,000	134,200	0.	965,000	122,200	0.
BT	980,000	122,200	119,700	1021,000	122,200	119,700	1050,000	121,700	0.	1670,000
BT	119,800	0.	2300,000	118,900	0.	0.	0.	0.	0.	0.
GR	132,700	0.	128,000	240,000	126,000	455,000	122,000	700,000	120,000	730,000
GR	120,000	765,000	123,500	850,000	122,000	890,000	122,000	950,000	121,200	965,000
GR	118,100	980,000	114,300	986,000	112,300	1000,000	114,500	1014,000	120,300	1021,000

GR	118,100	1050,000	116,000	1670,000	120,000	1775,000	122,000	2065,000	126,700	2300,000
NC	0,100	0,100	0,050	0	0	0	0	0	0	0

X1	9600,000	20,000	1000,000	1100,000	1050,000	1050,000	1050,000	0	0	0
X3	10,000	0	0	0	0	0	0	0	0	0
GR	130,000	0	128,000	125,000	126,000	250,000	124,000	445,000	120,000	670,000
GR	118,000	730,000	117,700	1000,000	117,700	1042,000	112,000	1044,000	111,700	1050,000
GR	114,500	1056,000	118,500	1059,000	117,900	1100,000	118,000	1240,000	119,500	1450,000
GR	120,000	1800,000	120,000	2030,000	122,000	2210,000	124,000	2240,000	124,300	2335,000
SB	1.250	1.500	3,000	1400,000	50,000	6,000	352,000	0	0	0

X1	10000,000	0	0	0	400,000	400,000	400,000	0	0	0
X2	0	0	1,000	121,200	124,100	0	0	0	0	0
X3	10,000	0	0	0	0	0	0	124,600	124,600	0

X1	10300,000	20,000	1743,000	1758,000	300,000	300,000	300,000	0	0	0
GR	132,700	0	132,000	100,000	130,000	195,000	128,000	520,000	126,000	955,000
GR	124,000	1220,000	122,000	1307,000	120,000	1355,000	118,600	1700,000	117,900	1743,000
GR	116,000	1745,000	116,100	1750,000	116,000	1755,000	117,900	1758,000	116,900	1800,000
GR	120,000	2270,000	122,000	2420,000	123,800	2800,000	123,000	3350,000	123,400	3750,000
QT	5,000	660,000	1340,000	1760,000	3150,000	1760,000	0	0	0	0

X1	11100,000	13,000	1743,000	1758,000	800,000	800,000	800,000	0	0	0
GR	128,000	1110,000	122,000	1293,000	120,000	1425,000	117,900	1743,000	116,000	1745,000
GR	116,000	1755,000	117,900	1752,000	120,000	2050,000	122,000	2100,000	122,000	2190,000
GR	122,200	2670,000	125,900	2735,000	126,100	2930,000	0	0	0	0

X1	12300,000	18,000	1743,000	1758,000	1200,000	1200,000	1200,000	0	0	0
GR	130,000	590,000	128,000	1300,000	125,000	935,000	125,000	1090,000	127,000	1100,000
GR	127,000	1112,000	122,000	1300,000	120,000	1245,000	119,400	1440,000	117,900	1743,000
GR	116,000	1745,000	116,000	1755,000	117,900	1758,000	120,000	1910,000	122,000	2085,000
GR	124,000	2135,000	126,000	2355,000	128,000	2400,000	0	0	0	0
EJ	0	0	0	0	0	0	0	0	0	0

T1 LUMBERTON NC FIVE MILE BRANCH
 T2 FLOOD INSURANCE STUDY
 T3 50-YEAR W FIVE MILE BRANCH

J1	ICHECK	INQ	INQ	IDIP	STRT	METRIC	RVINS	Q	WSEI	EQ
	0	3	0	0	0	0	0	0	122,170	0
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	2,000	0	-1,000	5,000	500,000	0	0	0	0	0

T1 LUMBERTON NC FIVE MILE BRANCH
 T2 FLOOD INSURANCE STUDY
 T3 100-YEAR W FIVE MILE BRANCH

J1	ICHECK	INQ	INQ	IDIP	STRT	METRIC	RVINS	Q	WSEI	EQ
	0	0	0	0	0	0	0	0	123,970	0
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	3,000	0	-1,000	5,000	500,000	0	0	0	0	0

T1 LUMBERTON NC FIVE MILE BRANCH

J2 FLOOD INSURANCE STUDY
T3 500-YEAR Q FIVE MILE BRANCH

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	C	WSEL	FG
	0.	5.	0.	0.	0.	0.	0.	0.	126,350	0.

J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	TBW	CHNIM	ITRACE
	15,000	0.	-1,000	5,000	500,000	0.	0.	0.	0.	0.

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR = 01
 MODIFICATION = 50,51.52

NOTE- ASTERTISK (*) AT LEFT OF CROSS-SECTION NUMMR INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10-YEAR N FIVE MIL
 SUMMARY PRINTOUT

SECNO	CWSEL	DIFWSP	ELMIN	K*CHSL	KRATIO	XLCH
1260.000	118.60	0.	108.70	0.	0.	0.
1260.000	122.17	0.	108.70	0.	0.	0.
1260.000	123.93	0.	108.70	0.	0.	0.
1260.000	126.35	2.42	108.70	0.	0.	0.
8350.000	118.42	0.	111.30	0.37	0.05	7090.00
8350.000	121.25	0.	111.30	0.37	0.03	7090.00
8350.000	124.00	0.	111.30	0.37	1.32	7090.00
8350.000	126.44	2.44	111.30	0.37	1.35	7090.00
8550.000	118.55	0.	112.30	5.00	0.99	200.00
8550.000	121.72	0.	112.30	5.00	1.19	200.00
8550.000	124.04	0.	112.30	5.00	0.29	200.00
8550.000	126.50	2.46	112.30	5.00	0.37	200.00
9600.000	120.77	0.	111.70	-0.57	6.26	1050.00
9600.000	123.54	0.	111.70	-0.57	10.62	1050.00
9600.000	124.14	0.	111.70	-0.57	0.99	1050.00
9600.000	126.57	2.44	111.70	-0.57	1.00	1050.00
10000.000	120.77	0.	111.70	0.	0.30	400.00
10000.000	124.14	0.	111.70	0.	0.22	400.00
10000.000	124.70	0.	111.70	0.	1.20	400.00
10000.000	126.68	1.98	111.70	0.	1.03	400.00
10300.000	121.30	0.	116.00	14.33	3.07	300.00
10300.000	124.49	0.	116.00	14.33	4.45	300.00
10300.000	124.72	0.	116.00	14.33	0.74	300.00
10300.000	126.70	1.98	116.00	14.33	0.86	300.00
11100.000	121.53	0.	116.00	0.	0.71	800.00
11100.000	124.54	0.	116.00	0.	0.74	800.00
11100.000	124.79	0.	116.00	0.	0.74	800.00
11100.000	126.76	1.97	116.00	0.	0.70	800.00
12300.000	121.69	0.	116.00	0.	1.16	1200.00
12300.000	124.58	0.	116.00	0.	0.93	1200.00
12300.000	124.85	0.	116.00	0.	0.93	1200.00
12300.000	126.82	1.97	116.00	0.	0.88	1200.00

10-YEAR Q FIVE MYL
SUMMARY PRINTOUT

SECNO	CWSEL	DIFWSP	DIFWSX	ELTRD	ELLC	AREA
1260.000	118.60	0.	0.	0.	0.	7259.00
1260.000	122.17	0.	0.	0.	0.	14343.87
1260.000	123.93	0.	0.	0.	0.	18169.70
1260.000	126.35	2.42	0.	0.	0.	23688.86
8350.000	118.42	0.	-0.18	0.	0.	163.23
8350.000	121.25	0.	-0.92	0.	0.	257.64
8350.000	124.00	0.	0.07	0.	0.	25445.35
8350.000	126.44	2.44	0.09	0.	0.	33084.37
8550.000	118.55	0.	0.13	122.20	119.70	169.51
8550.000	121.72	0.	0.47	122.20	119.70	297.61
8550.000	124.04	0.	0.05	122.20	119.70	7331.33
8550.000	126.50	2.46	0.06	122.20	119.70	11590.59
9600.000	120.77	0.	2.22	0.	0.	2651.82
9600.000	123.54	0.	1.82	0.	0.	7205.44
9600.000	124.14	0.	0.09	0.	0.	8265.83
9600.000	126.57	2.44	0.07	0.	0.	13186.68
10000.000	120.77	0.	0.00	124.10	121.20	358.50
10000.000	124.14	0.	0.60	124.10	121.20	696.03
10000.000	124.70	0.	0.56	124.10	121.20	9358.41
10000.000	126.68	1.98	0.10	124.10	121.20	13417.40
10300.000	121.30	0.	0.53	0.	0.	2079.05
10300.000	124.49	0.	0.34	0.	0.	7871.62
10300.000	124.72	0.	0.02	0.	0.	8480.11
10300.000	126.70	1.98	0.02	0.	0.	13945.39
11100.000	121.53	0.	0.23	0.	0.	1755.34
11100.000	124.50	0.	0.05	0.	0.	5717.22
11100.000	124.79	0.	0.07	0.	0.	6103.87
11100.000	126.76	1.97	0.06	0.	0.	9308.25
12300.000	121.69	0.	0.17	0.	0.	2017.17
12300.000	124.58	0.	0.04	0.	0.	4872.60
12300.000	124.85	0.	0.06	0.	0.	5170.18
12300.000	126.82	1.97	0.06	0.	0.	7864.87

10-YEAR Q FIVE MIL
SUMMARY PRINTOUT

SECNO	CWSEL	Q	QLOB	VLOR	QCH	VCH	QROR	VROR	DEPTH
1260.000	118.60	1435.00	161.00	0.16	178.88	0.53	1095.00	0.18	9.90
1260.000	122.17	2840.00	350.14	0.17	277.32	0.53	2212.53	0.19	13.47
1260.000	123.93	3700.00	465.33	0.18	331.97	0.55	2902.70	0.19	15.23
1260.000	126.35	6400.00	825.04	0.24	525.02	0.72	5049.95	0.26	17.65
8350.000	118.42	1435.00	0.	0.	1435.00	8.79	0.	0.	7.12
8350.000	121.25	2840.00	0.	0.	2840.00	11.02	0.	0.	9.95
8350.000	124.00	3700.00	204.74	0.11	119.58	0.34	3375.68	0.15	12.70
8350.000	126.44	6400.00	434.05	0.15	195.25	0.45	5770.70	0.19	15.14
8550.000	118.55	1435.00	0.	0.	1435.00	8.47	0.	0.	6.25
8550.000	121.72	2840.00	0.	0.	2840.00	9.54	0.	0.	9.42
8550.000	124.04	3700.00	421.41	0.50	464.69	1.18	2813.90	0.46	11.74
8550.000	126.50	6400.00	1296.04	0.64	604.49	1.22	4499.48	0.50	14.20
9600.000	120.77	1435.00	473.85	0.52	429.40	1.20	531.75	0.38	9.07
9600.000	123.50	2840.00	808.20	0.37	548.01	0.86	1483.70	0.34	11.84
9600.000	124.14	3700.00	1044.51	0.42	675.93	0.97	1979.56	0.39	12.40
9600.000	126.57	6400.00	1835.47	0.44	980.22	1.04	3584.31	0.44	14.87
10000.000	120.77	1435.00	0.	0.	1435.00	4.00	0.	0.	9.07
10000.000	124.14	2840.00	0.	0.	2840.00	4.08	0.	0.	12.40
10000.000	124.70	3700.00	1044.19	0.37	644.13	0.86	2011.68	0.35	13.00
10000.000	126.68	6400.00	1836.73	0.43	974.02	1.03	3587.25	0.44	14.98
10300.000	121.50	1435.00	402.48	0.48	118.59	1.60	913.97	0.58	5.30
10300.000	124.49	2840.00	900.71	0.38	123.12	1.01	1816.18	0.34	8.49
10300.000	124.72	3700.00	1159.30	0.46	153.39	1.22	2387.26	0.41	8.72
10300.000	126.70	6400.00	1881.70	0.47	194.25	1.25	4324.00	0.44	10.70
11100.000	121.53	660.00	303.64	0.34	84.11	1.08	272.25	0.35	5.53
11100.000	124.54	1340.00	573.01	0.24	80.15	0.65	686.80	0.21	8.50
11100.000	124.79	1760.00	745.30	0.30	100.78	0.79	913.92	0.26	8.79
11100.000	126.76	3150.00	1260.58	0.35	139.01	0.89	1750.41	0.31	10.76
12300.000	121.60	660.00	430.76	0.31	76.78	0.95	152.46	0.20	5.69
12300.000	124.58	1340.00	866.48	0.27	86.51	0.70	387.01	0.25	8.58
12300.000	124.85	1760.00	1134.55	0.34	109.87	0.86	515.58	0.30	8.85
12300.000	126.82	3150.00	1981.77	0.41	158.60	1.01	1009.67	0.36	10.82

10-YEAR Q FIVE MIL
SUMMARY PRINTOUT

SECNO	CWSEL	DIF4SP	VOL	K*XNL	K*XNCH	K*XNR	TOPWID	SSTA	ENDST	.01K
1260,000	118,60	0.	0.	120,00	50,00	120,00	1757,65	226,18	2087,00	2852,84
1260,000	122,17	0.	0.	120,00	50,00	120,00	2128,77	165,01	2293,78	7355,03
1260,000	123,93	0.	0.	120,00	50,00	120,00	2218,77	134,65	2353,62	10393,80
1260,000	126,35	2,42	0.	120,00	50,00	120,00	2342,52	93,38	2435,90	15392,36
8350,000	118,42	0.	604,04	120,00	50,00	120,00	31,97	985,03	1019,00	129,43
8350,000	121,25	0.	1188,30	120,00	50,00	120,00	34,00	985,00	1019,00	253,76
8350,000	124,00	0.	3549,48	120,00	50,00	120,00	3049,91	620,04	3669,95	13723,23
8350,000	126,44	2,44	4620,32	120,00	50,00	120,00	3213,51	505,29	3718,80	20710,02
8550,000	118,55	0.	604,80	50,00	50,00	100,00	38,89	980,00	1021,00	127,70
8550,000	121,72	0.	1189,57	50,00	50,00	100,00	41,00	980,00	1021,00	302,99
8550,000	124,04	0.	3624,73	50,00	50,00	100,00	1592,88	574,54	2167,42	3976,43
8550,000	126,50	2,46	4722,88	50,00	50,00	100,00	1889,92	400,45	2290,37	7735,27
9600,000	120,77	0.	638,80	100,00	50,00	100,00	1472,80	626,60	2099,44	799,48
9600,000	123,54	0.	1280,00	100,00	50,00	100,00	1762,41	470,73	2233,14	3218,99
9600,000	124,14	0.	3812,71	100,00	50,00	100,00	1851,08	431,80	2282,87	3944,73
9600,000	126,57	2,44	5021,50	100,00	50,00	100,00	2120,87	214,13	2335,00	7767,07
10000,000	120,77	0.	652,63	100,00	50,00	100,00	100,00	1000,00	1100,00	238,89
10000,000	124,14	0.	1316,28	100,00	50,00	100,00	100,00	1000,00	1100,00	720,14
10000,000	124,70	0.	3893,63	100,00	50,00	100,00	1958,59	376,41	2335,00	4718,60
10000,000	126,68	1,98	5143,65	100,00	50,00	100,00	2127,66	207,34	2335,00	7967,78
10300,000	121,30	0.	662,40	100,00	50,00	100,00	1043,30	1323,88	2367,26	732,67
10300,000	124,49	0.	1345,79	100,00	50,00	100,00	2594,81	1155,19	3750,00	3202,81
10300,000	124,72	0.	3955,05	100,00	50,00	100,00	2625,70	1124,30	3750,00	3510,51
10300,000	126,70	1,98	5237,88	100,00	50,00	100,00	2946,69	803,31	3750,00	6844,93
11100,000	121,53	0.	701,28	100,00	50,00	100,00	763,85	1324,29	2088,15	517,90
11100,000	124,54	0.	1470,57	100,00	50,00	100,00	1495,37	1215,66	2711,03	2359,50
11100,000	124,79	0.	4088,98	100,00	50,00	100,00	1507,74	1207,81	2715,55	2594,80
11100,000	126,76	1,97	5451,41	100,00	50,00	100,00	1782,25	1107,75	2930,00	4768,95
12300,000	121,69	0.	753,24	100,00	50,00	100,00	910,64	1147,58	2058,25	598,25
12300,000	124,52	0.	1616,43	100,00	50,00	100,00	1077,75	1120,72	2198,48	2204,57
12300,000	124,55	0.	4244,27	100,00	50,00	100,00	1108,67	1119,74	2226,42	2406,32
12300,000	126,82	1,97	5687,95	100,00	50,00	100,00	1482,67	913,82	2410,07	4215,68

SUMMARY OF ERRORS

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977
 ERROR CORR = 01,02
 MODIFICATION = 50,51,52,53

New Machine Run 77600
ON Lumberton, NC
10-10-78 Recvd.

T1 LUMBERTON NC FIVE MILE BRANCH
 T2 FLOOD INSURANCE STUDY
 T3 10-YEAR Q FIVE MILE BRANCH

J1	ICHECK	INQ	NINQ	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	0.	2.	0.	0.	0,000400	0.	0.	0.	118,000	0.
J2	NPRDF	IPLDT	PREVS	XSECV	XSECH	FN	ALLOC	TBW	CHNIM	TRACE
	1,000	0.	-1,000	5,000	500,000	0.	0.	0.	0.	0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38,000	1,000	50,000	51,000	42,000	39,000	0.	38,000	21,000	22,000
	53,000	54,000	0,000	0.	38,000	1,000	58,000	33,000	50,000	40,000
	41,000	25,000	0.	38,000	1,000	43,000	13,000	55,000	14,000	26,000
	15,000	56,000	8,000	35,000	60,000	59,000	0.	38,000	1,000	7,000
	16,000	17,000	16,000	34,000	21,000	22,000	53,000	54,000	0,000	0.
NC	0,120	0,120	0,050	0,100	0,300	0.	0.	0.	0.	0.
QT	5,000	1435,000	2840,000	3700,000	6400,000	3700,000	0.	0.	0.	0.
ET	0.	0.	0.	0.	0.	10,400	0.	0.	0.	0.
X1	3,500	13,000	260,000	295,000	0.	0.	0.	0.	0.	0.
GR	131,000	0.	130,000	90,000	112,000	200,000	112,000	260,000	107,000	265,000
GR	107,000	280,000	112,000	295,000	114,000	1220,000	117,600	1280,000	116,000	1470,000
GR	116,000	1640,000	118,000	1890,000	130,000	2320,000	0.	0.	0.	0.
X1	11,000	13,000	200,000	295,000	250,000	250,000	250,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	120,000	120,000	0.
GR	131,000	0.	130,000	90,000	112,000	200,000	112,000	260,000	107,000	265,000
GR	107,000	280,000	112,000	295,000	114,000	1220,000	117,600	1280,000	116,000	1470,000
GR	116,000	1640,000	118,000	1890,000	130,000	2320,000	0.	0.	0.	0.
X1	11,250	20,000	1060,000	1140,000	25,000	25,000	25,000	0.	0.	0.
BT	2,000	1060,000	120,500	119,500	1140,000	120,500	119,500	0.	0.	0.
GR	130,000	0.	124,000	400,000	120,300	750,000	120,500	1060,000	113,500	1075,000
GR	111,500	1085,000	108,700	1095,000	108,700	1099,000	119,500	1099,000	119,500	1100,000
GR	108,700	1100,000	111,700	1110,000	116,400	1125,000	120,500	1140,000	120,500	3250,000
GR	120,700	3720,000	121,000	4050,000	121,500	4600,000	124,000	5450,000	130,000	6150,000
GR	116,000	2270,000	114,000	2240,000	116,000	2240,000	116,000	2240,000	116,000	2240,000

HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977
ERROR CORR = 01,02
MODIFICATION = 50,51,52,53

T1 LUMBERTON NC FIVE MILE BRANCH
T2 FLOOD INSURANCE STUDY
T3 100-YEAR Q FIVE MILE BRANCH

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	4.	0.	0.	0.000400	0.	0.	0.	124,000	0.
J2	NR OF	IPLOT	PREVS	XSECV	XSECH	EN	ALLDC	TBW	CHNIM	ITRACE
	3,000	0.	-1,000	5,000	500,000	0.	0.	0.	0.	0.

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HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977
ERROR CORR = 01,02
MODIFICATION = 50,51,52,53

T1 LUMBERTON NC FIVE MILE BRANCH
T2 FLOOD INSURANCE STUDY
T3 500-YEAR Q FIVE MILE BRANCH

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
0. 5. 0. 0. 0.000400 0. 0. 0. 127,000 0.

J2 NPROF IPLOT PREVS XSECV XSECH FN ALLDC IBM CHNIM IIRACE
15,000 0. -1,000 5,000 500,000 0. 0. 0. 0. 0.

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 HEG2 RELEASE DATED NOV 76 UPDATED AUG 1977
 ERROR COR/ - 01,02
 MODIFICATION = 50,51,52,53

NOTE - ABTERTSK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10-YEAR W FIVE MJL
 SUMMARY PRINTOUT

RECD	CWSEL	DJEWSR	DJEWSX	ELMIN	XLCH
8,500	115.19	0.	0.	107.00	0.
8,500	116.60	1.41	0.	107.00	0.
8,500	-117.25	0.66	0.	107.00	0.
8,500	118.83	1.57	0.	107.00	0.
11,000	115.27	0.	-0.08	107.00	250.00
11,000	116.54	1.28	-0.05	107.00	250.00
11,000	117.10	0.55	-0.16	107.00	250.00
11,000	118.24	1.14	-0.59	107.00	250.00
* 11,250	114.43	0.	-0.84	108.70	25.00
* 11,250	116.30	1.95	-0.16	108.70	25.00
* 11,250	-117.33	0.95	0.24	108.70	25.00
* 11,250	121.27	3.93	3.03	108.70	25.00
11,450	115.77	0.	1.34	108.70	20.00
11,450	117.98	2.20	1.60	108.70	20.00
11,450	119.02	1.05	1.59	108.70	20.00
11,450	121.72	2.70	0.46	108.70	20.00
11,600	116.34	0.	0.57	108.70	15.00
11,600	118.76	2.42	0.79	108.70	15.00
11,600	119.88	1.12	0.86	108.70	15.00
11,600	121.83	1.95	0.10	108.70	15.00
12,600	116.72	0.	0.37	108.70	100.00
12,600	119.31	2.59	0.55	108.70	100.00
12,600	120.55	1.24	0.67	108.70	100.00
12,600	121.83	1.28	0.00	108.70	100.00
* 42,000	116.67	0.	-0.04	109.70	2940.00
42,000	119.48	2.81	0.17	109.70	2940.00
42,000	120.70	1.22	0.15	109.70	2940.00
42,000	122.08	1.38	0.25	109.70	2940.00
65,000	118.31	0.	1.64	110.50	2300.00
65,000	120.10	1.79	0.62	110.50	2300.00
65,000	121.16	1.07	0.16	110.50	2300.00
65,000	122.67	1.50	0.59	110.50	2300.00

	SECNO	CWSEL	DIFWSP	DIFWSX	ELMIN	XLCH	
1	80,000	118.39	0.	0.08	111.30	1500.00	1
2	80,000	120.18	1.79	0.08	111.30	1500.00	2
3	80,000	121.23	1.06	0.07	111.30	1500.00	3
4	80,000	122.77	1.53	0.10	111.30	1500.00	4
5							5
6							6
7	83,500	118.39	0.	0.01	111.30	350.00	7
8	83,500	120.19	1.79	0.01	111.30	350.00	8
9	83,500	121.24	1.06	0.01	111.30	350.00	9
10	83,500	122.78	1.54	0.01	111.30	350.00	10
11							11
12	84,300	118.30	0.	-0.10	110.80	80.00	12
13	84,300	120.14	1.84	-0.05	110.80	80.00	13
14	84,300	121.24	1.10	-0.00	110.80	80.00	14
15	84,300	122.78	1.54	0.00	110.80	80.00	15
16							16
17	84,600	118.39	0.	0.10	110.80	30.00	17
18	84,600	120.28	1.89	0.14	110.80	30.00	18
19	84,600	121.28	0.99	0.04	110.80	30.00	19
20	84,600	122.80	1.52	0.02	110.80	30.00	20
21							21
22	85,500	118.55	0.	0.16	111.00	90.00	22
23	85,500	120.35	1.79	0.06	111.00	90.00	23
24	85,500	121.30	0.95	0.02	111.00	90.00	24
25	85,500	122.82	1.52	0.01	111.00	90.00	25
26							26
27	89,400	118.53	0.	-0.03	112.20	390.00	27
28	89,400	120.34	1.81	-0.00	112.20	390.00	28
29	89,400	121.29	0.95	-0.00	112.20	390.00	29
30	89,400	122.82	1.52	0.00	112.20	390.00	30
31							31
32	96,000	119.73	0.	1.20	111.70	660.00	32
33	96,000	120.97	1.23	0.62	111.70	660.00	33
34	96,000	121.74	0.77	0.45	111.70	660.00	34
35	96,000	123.23	1.49	0.41	111.70	660.00	35
36							36
37	97,000	119.46	0.	-0.27	112.90	100.00	37
38	97,000	119.31	-0.15	-1.66	112.90	100.00	38
39	97,000	120.96	1.65	-0.78	112.90	100.00	39
40	97,000	126.73	5.77	3.50	112.90	100.00	40
41							41
42	99,000	119.68	0.	0.22	113.20	200.00	42
43	99,000	121.69	2.00	2.38	113.20	200.00	43
44	99,000	122.30	0.61	1.34	113.20	200.00	44
45	99,000	127.37	5.07	0.65	113.20	200.00	45
46							46
47	100,000	120.47	0.	0.78	113.80	100.00	47
48	100,000	123.15	2.66	1.44	113.80	100.00	48
49	100,000	125.10	1.97	2.80	113.80	100.00	49
50	100,000	127.50	2.40	0.13	113.80	100.00	50
51							51
52	103,000	120.53	0.	0.08	113.30	300.00	52
53	103,000	123.15	2.62	0.02	113.30	300.00	53
54	103,000	125.11	1.97	0.01	113.30	300.00	54
55	103,000	127.51	2.40	0.01	113.30	300.00	55
56							56
57							57

	SECNO	CWSEL	DIFWSP	DIFWSX	ELMIN	XLCH	
1	108,900	120,66	0.	0.13	114.30	590.00	1
2	108,900	123,18	2.52	0.04	114.30	590.00	2
3	108,900	125,13	1.95	0.02	114.30	590.00	3
4	108,900	127,53	2.40	0.02	114.30	590.00	4
5							5
6	118,500	121,33	0.	0.57	116.90	960.00	6
7	118,500	123,33	2.00	0.15	116.90	960.00	7
8	118,500	125,19	1.86	0.06	116.90	960.00	8
9	118,500	127,58	2.39	0.05	116.90	960.00	9
10							10
11	126,300	122,26	0.	0.92	116.20	780.00	11
12	126,300	123,63	1.37	0.30	116.20	780.00	12
13	126,300	125,29	1.66	0.10	116.20	780.00	13
14	126,300	127,66	2.36	0.07	116.20	780.00	14
15							15
16	139,100	122,43	0.	0.17	117.00	1280.00	16
17	139,100	123,80	1.37	0.17	117.00	1280.00	17
18	139,100	125,38	1.58	0.09	117.00	1280.00	18
19	139,100	127,73	2.35	0.08	117.00	1280.00	19
20							20
21	151,700	122,56	0.	0.13	118.60	1260.00	21
22	151,700	123,97	1.41	0.17	118.60	1260.00	22
23	151,700	125,48	1.51	0.10	118.60	1260.00	23
24	151,700	127,83	2.35	0.10	118.60	1260.00	24
25							25
26	162,400	124,25	0.	1.68	120.10	1070.00	26
27	162,400	125,42	1.17	1.45	120.10	1070.00	27
28	162,400	126,07	0.65	0.59	120.10	1070.00	28
29	162,400	128,26	2.18	0.43	120.10	1070.00	29
30							30
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10-YEAR 0 FIVE M11
SUMMARY PRINTOUT

LINE	SECNO	STCHL	STCHR	SSTA	ENDST	TOPMID
1	8,500	260,00	295,00	180,53	1239,78	1059,25
2	8,500	260,00	295,00	171,92	1714,42	1406,47
3	8,500	260,00	295,00	167,89	1796,87	1582,27
4	8,500	260,00	295,00	158,27	1919,70	1761,43
5	11,000	200,00	295,00	200,00	295,00	95,00
6	11,000	200,00	295,00	200,00	295,00	95,00
7	11,000	200,00	295,00	200,00	295,00	95,00
8	11,250	1060,00	1140,00	1073,01	1118,71	44,71
9	11,250	1060,00	1140,00	1068,83	1124,93	55,10
10	11,250	1060,00	1140,00	1066,79	1128,41	60,62
11	11,250	1060,00	1140,00	658,64	4342,34	3683,70
12	11,450	1060,00	1140,00	1070,13	11122,99	51,86
13	11,450	1060,00	1140,00	1065,41	1130,76	64,35
14	11,450	1060,00	1140,00	1063,17	1134,59	70,42
15	11,450	1060,00	1140,00	614,91	4677,56	4062,66
16	11,600	450,00	530,00	450,00	530,00	79,83
17	11,600	450,00	530,00	450,00	530,00	80,00
18	11,600	450,00	530,00	450,00	530,00	80,00
19	11,600	450,00	530,00	170,89	2713,78	2542,90
20	12,600	450,00	530,00	258,42	2489,79	2231,36
21	12,600	450,00	530,00	214,03	2671,82	2457,80
22	12,600	450,00	530,00	192,79	2692,48	2499,70
23	12,600	450,00	530,00	170,82	2713,84	2543,02
24	42,000	810,00	850,00	715,65	1274,84	559,19
25	42,000	810,00	850,00	453,78	1638,42	1184,64
26	42,000	810,00	850,00	390,46	1750,33	1359,87
27	42,000	810,00	850,00	332,65	1885,58	1552,93
28	65,000	1020,00	1060,00	421,27	1891,82	1470,55
29	65,000	1020,00	1060,00	371,56	2017,08	1645,72
30	65,000	1020,00	1060,00	341,40	2097,31	1755,91
31	65,000	1020,00	1060,00	299,27	2199,30	1900,04
32	60,000	985,00	1019,00	751,13	3438,13	2631,20
33	60,000	985,00	1019,00	727,55	3593,50	2865,95
34	60,000	985,00	1019,00	682,53	3614,69	2932,17
35	60,000	985,00	1019,00	638,07	3645,38	3006,91
36	63,500	985,00	1019,00	750,96	3439,69	2634,23
37	63,500	985,00	1019,00	726,77	3593,87	2867,11
38	63,500	985,00	1019,00	681,86	3645,01	2933,14
39	63,500	985,00	1019,00	638,14	3645,81	3007,66
40	84,300	645,00	680,00	647,53	2758,69	103,26
41	84,300	645,00	680,00	646,34	2884,69	1823,81
42	84,300	645,00	680,00	645,62	3189,20	2351,47
43	84,300	645,00	680,00	545,48	3300,80	2845,32

	SECNO	STCHL	STCHR	SSTA	ENDST	TWPID	
1	84,600	645,00	680,00	647,47	2758,80	103,91	1
2	84,600	645,00	680,00	646,24	2950,39	1918,34	2
3	84,600	645,00	680,00	645,61	3193,20	2359,82	3
4	84,600	645,00	680,00	544,71	3391,42	2846,71	4
5							5
6							6
7	85,500	980,00	1021,00	977,80	3179,34	2492,97	7
8	85,500	980,00	1021,00	724,80	3849,90	2929,40	8
9	85,500	980,00	1021,00	710,56	3887,28	3010,00	9
10	85,500	980,00	1021,00	650,08	3947,09	3262,11	10
11							11
12	89,400	830,00	885,00	796,67	1617,11	743,01	12
13	89,400	830,00	885,00	750,65	1686,50	894,14	13
14	89,400	830,00	885,00	740,58	1722,97	964,63	14
15	89,400	830,00	885,00	611,44	1781,34	1169,90	15
16							16
17	96,000	1000,00	1100,00	682,56	1610,58	836,68	17
18	96,000	1000,00	1100,00	615,78	2116,74	1477,68	18
19	96,000	1000,00	1100,00	572,11	2186,63	1605,87	19
20	96,000	1000,00	1100,00	488,52	2228,40	1739,88	20
21							21
22	97,000	1050,00	1075,00	680,00	1075,00	44,00	22
23	97,000	1050,00	1075,00	680,00	1075,00	44,00	23
24	* 97,000	1050,00	1075,00	680,00	1075,00	45,00	24
25	* 97,000	1050,00	1075,00	54,50	2020,00	1965,50	25
26							26
27	99,000	1050,00	1075,00	680,00	1075,00	44,00	27
28	99,000	1050,00	1075,00	680,00	1075,00	46,00	28
29	99,000	1050,00	1075,00	680,00	1075,00	46,00	29
30	99,000	1050,00	1075,00	0.	2020,00	2020,00	30
31							31
32							32
33							33
34	100,000	1400,00	1500,00	426,18	2269,52	1824,48	34
35	100,000	1400,00	1500,00	346,22	2382,46	2033,72	35
36	100,000	1400,00	1500,00	232,27	2465,96	2233,68	36
37	100,000	1400,00	1500,00	39,67	2500,00	2460,33	37
38							38
39	103,000	1748,00	1763,00	1300,48	2309,76	1009,28	39
40	103,000	1748,00	1763,00	1204,46	2403,52	1239,06	40
41	103,000	1748,00	1763,00	993,30	2483,86	1490,55	41
42	103,000	1748,00	1763,00	625,91	2500,00	1874,09	42
43							43
44	108,900	890,00	900,00	434,58	1202,91	755,22	44
45	108,900	890,00	900,00	332,81	1405,28	1001,09	45
46	108,900	890,00	900,00	235,75	1411,00	1175,25	46
47	108,900	890,00	900,00	119,63	1411,00	1291,37	47
48							48
49	118,500	682,00	700,00	273,63	845,10	571,47	49
50	118,500	682,00	700,00	169,66	931,95	762,29	50
51	118,500	682,00	700,00	127,46	1017,16	889,70	51
52	118,500	682,00	700,00	57,77	1283,22	1225,45	52
53							53
54	126,300	714,00	728,00	41,12	879,76	838,64	54
55	126,300	714,00	728,00	32,98	937,23	904,26	55
56	126,300	714,00	728,00	23,13	1013,46	990,33	56
57	126,300	714,00	728,00	9,14	1187,83	1178,69	57
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	SECNO	STCHL	STCHR	SSTA	ENDST	TOPWID	
1	139.100	623.00	634.00	242.43	1114.03	871.60	1
2	139.100	623.00	634.00	211.36	1150.01	938.65	2
3	139.100	623.00	634.00	140.01	1191.57	1051.56	3
4	139.100	623.00	634.00	18.32	1200.00	1181.68	4
5							5
6							6
7	151.700	559.00	570.00	270.85	657.29	386.43	7
8	151.700	559.00	570.00	179.74	696.38	516.64	8
9	151.700	559.00	570.00	139.92	720.96	581.04	9
10	151.700	559.00	570.00	77.77	750.00	672.23	10
11							11
12	162.400	185.00	206.00	127.63	215.05	87.42	12
13	162.400	185.00	206.00	99.56	217.70	118.14	13
14	162.400	185.00	206.00	85.26	238.76	153.50	14
15	162.400	185.00	206.00	37.88	293.63	260.75	15
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10-YEAR C FIVE MIL
SUMMARY PRINTOUT

SECNO	CWSEL	KRA110	K*CHSL	DIFWSP	ELTRD	ELLC	AREA
8,500	115.19	0.	0.	0.	0.	0.	2493.13
8,500	116.60	0.	0.	1.41	0.	0.	4152.39
8,500	117.25	0.	0.	0.66	0.	0.	5138.05
8,500	118.83	0.	0.	1.57	0.	0.	7825.65
11,000	115.27	0.49	0.	0.	0.	0.	435.19
11,000	116.54	0.37	0.	1.28	0.	0.	556.30
11,000	117.10	0.33	0.	0.55	0.	0.	609.13
11,000	118.20	0.25	0.	1.14	0.	0.	718.63
* 11,250	114.43	0.22	68.00	0.	120.50	119.50	140.65
* 11,250	116.38	0.30	68.00	1.45	120.50	119.50	237.89
* 11,250	117.33	0.34	68.00	0.95	120.50	119.50	293.08
* 11,250	121.27	0.62	68.00	3.93	120.50	119.50	2928.70
11,450	115.77	1.68	0.	0.	120.50	119.50	205.42
11,450	117.98	1.57	0.	2.20	120.50	119.50	333.19
11,450	119.02	1.53	0.	1.05	120.50	119.50	403.68
11,450	121.72	1.71	0.	2.70	120.50	119.50	4739.81
11,600	116.34	1.77	0.	0.	0.	0.	311.40
11,600	118.76	2.06	0.	2.42	0.	0.	505.10
11,600	119.88	2.09	0.	1.12	0.	0.	594.76
11,600	121.83	12.37	0.	1.95	0.	0.	19807.43
12,600	116.72	10.21	0.	0.	0.	0.	7346.78
12,600	119.31	11.52	0.	2.59	0.	0.	13512.53
12,600	120.55	12.09	0.	1.24	0.	0.	16585.19
12,600	121.83	1.00	0.	1.28	0.	0.	19816.70
42,000	116.67	0.07	0.34	0.	0.	0.	459.76
42,000	119.48	0.17	0.34	2.81	0.	0.	3067.73
42,000	120.70	0.21	0.34	1.22	0.	0.	4624.33
42,000	122.08	0.26	0.34	1.38	0.	0.	6630.40
65,000	118.31	6.14	0.35	0.	0.	0.	9211.20
65,000	120.10	2.70	0.35	1.79	0.	0.	6988.40
65,000	121.16	2.21	0.35	1.07	0.	0.	8807.82
65,000	122.67	2.02	0.35	1.52	0.	0.	11563.24
80,000	118.39	2.27	0.53	0.	0.	0.	9160.27
80,000	120.18	2.07	0.53	1.79	0.	0.	14089.58
80,000	121.23	2.00	0.53	1.06	0.	0.	17161.05
80,000	122.77	1.94	0.53	1.53	0.	0.	21724.73
83,500	118.39	1.01	0.	0.	0.	0.	9203.87
83,500	120.19	1.01	0.	1.79	0.	0.	14142.65
83,500	121.24	1.00	0.	1.06	0.	0.	17206.68
83,500	122.78	1.00	0.	1.54	0.	0.	21789.48
84,300	118.30	0.09	6.25	0.	118.90	119.80	538.22
84,300	120.14	0.08	6.25	1.84	118.90	119.80	1987.72
84,300	121.24	0.14	6.25	1.10	118.90	119.80	4301.57
84,300	122.78	0.25	6.25	1.54	118.90	119.80	8330.75

10-YEAR Q FIVE MIL
SUMMARY PRINTOUT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
8.500	115.19	1435.00	112.88	0.51	476.53	2.01	845.50	0.42	8.19	7.87	33.21	58.93		
8.500	116.60	2840.00	216.18	0.64	653.15	2.29	1970.67	0.56	9.60	7.61	23.00	69.39		
8.500	117.25	3700.00	275.06	0.69	742.84	2.40	2682.00	0.61	10.25	7.43	20.08	72.49		
8.500	118.83	6400.00	444.31	0.80	977.36	2.68	4978.33	0.72	11.83	6.94	15.27	77.79		
11.000	115.27	1435.00	0.	0.	1435.00	3.30	0.	0.	8.27	0.	100.00	0.		
11.000	116.54	2840.00	0.	0.	2840.00	5.10	0.	0.	9.54	0.	100.00	0.		
11.000	117.10	3700.00	0.	0.	3700.00	6.07	0.	0.	10.10	0.	100.00	0.		
11.000	118.20	6400.00	0.	0.	6400.00	8.91	0.	0.	11.24	0.	100.00	0.		
*	11.250	114.43	1435.00	0.	0.	1435.00	10.20	0.	0.	5.73	0.	100.00	0.	
*	11.250	116.38	2840.00	0.	0.	2840.00	11.90	0.	0.	7.68	0.	100.00	0.	
*	11.250	117.33	3700.00	0.	0.	3700.00	12.62	0.	0.	8.63	0.	100.00	0.	
*	11.250	121.27	6400.00	430.08	1.38	3307.15	6.47	2662.77	1.27	12.57	6.72	51.67	41.61	
11.450	115.17	1435.00	0.	0.	1435.00	6.99	0.	0.	7.07	0.	100.00	0.		
11.450	117.58	2840.00	0.	0.	2840.00	8.52	0.	0.	9.28	0.	100.00	0.		
11.450	119.02	3700.00	0.	0.	3700.00	9.17	0.	0.	10.32	0.	100.00	0.		
11.450	121.72	6400.00	533.66	1.05	2174.10	3.96	3692.20	1.00	13.02	8.30	33.97	57.69		
11.600	116.34	1435.00	0.	0.	1435.00	4.61	0.	0.	7.64	0.	100.00	0.		
11.600	118.76	2840.00	0.	0.	2840.00	5.62	0.	0.	10.06	0.	100.00	0.		
11.600	119.88	3700.00	0.	0.	3700.00	6.22	0.	0.	11.18	0.	100.00	0.		
11.600	121.83	6400.00	431.66	0.26	593.15	0.79	5375.19	0.31	13.13	6.74	9.27	83.99		
12.600	116.72	1435.00	63.99	0.14	163.62	0.48	1207.30	0.18	8.02	4.46	11.40	84.14		
12.600	119.31	2840.00	168.56	0.17	283.97	0.52	2387.47	0.20	10.61	5.90	10.00	80.07		
12.600	120.55	3700.00	235.60	0.18	354.77	0.55	3109.60	0.21	11.85	6.37	9.59	84.04		
12.600	121.83	6400.00	431.72	0.26	593.10	0.79	5375.18	0.31	13.13	6.75	9.27	83.99		
42.000	116.67	1435.00	30.62	0.76	1194.37	7.03	210.01	0.84	6.97	2.13	83.23	14.63		
42.000	119.48	2840.00	465.17	0.64	875.56	3.10	1499.26	0.73	9.78	16.38	30.83	52.79		
42.000	120.70	3700.00	735.97	0.61	868.95	2.62	2095.08	0.68	11.00	19.89	23.49	56.62		
42.000	122.08	6400.00	1434.93	0.79	1197.35	3.10	3767.72	0.85	12.38	22.42	18.71	58.87		
65.000	118.31	1435.00	460.19	0.30	222.99	1.03	751.82	0.31	7.81	32.07	15.50	52.39		
65.000	120.10	2840.00	976.36	0.37	339.80	1.18	1523.85	0.38	9.60	34.38	11.96	53.66		
65.000	121.16	3700.00	1297.22	0.38	397.29	1.20	2005.48	0.39	10.66	35.06	10.74	54.20		
65.000	122.67	6400.00	2277.35	0.51	610.58	1.56	3512.07	0.52	12.17	35.58	9.50	50.88		
80.000	118.39	1435.00	13.25	0.06	63.96	0.39	1357.70	0.15	7.09	0.92	4.46	94.62		
80.000	120.18	2840.00	81.03	0.12	106.94	0.48	2652.03	0.20	8.88	2.85	3.72	93.38		
80.000	121.23	3700.00	137.50	0.14	131.93	0.51	3430.58	0.22	9.93	3.72	3.57	92.72		
80.000	122.77	6400.00	306.76	0.21	214.80	0.69	5878.43	0.29	11.47	4.79	3.36	91.85		
83.500	118.39	1435.00	13.51	0.06	63.81	0.39	1357.68	0.15	7.09	0.94	4.45	94.61		
83.500	120.19	2840.00	81.50	0.12	106.83	0.48	2651.68	0.20	8.89	2.87	3.76	93.37		
83.500	121.24	3700.00	137.93	0.14	131.83	0.51	3430.24	0.21	9.94	3.73	3.56	92.71		
83.500	122.78	6400.00	307.66	0.21	214.65	0.69	5877.69	0.29	11.48	4.81	3.35	91.84		
84.300	118.30	1435.00	0.	0.	527.47	4.15	907.53	2.21	7.50	0.	36.76	63.24		
84.300	120.14	2840.00	0.	0.	686.79	3.99	2153.21	1.19	9.34	0.	24.18	75.82		
84.300	121.24	3700.00	0.	0.	361.94	2.04	3338.06	0.61	10.44	0.	9.78	90.22		
84.300	122.78	6400.00	10.33	0.22	246.72	1.21	6142.95	0.76	11.98	0.16	3.86	95.98		

10-YEAR 0 FIVE MIL
SUMMARY PRINTOUT

1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	SECNO	CWSEL	VOL	K*XL	K*XNCH	K*XNR	.01K	STCHL	STCHR	SSTA	ENDBT	TOPWID	
4	8,500	115.19	0.	120.00	50.00	120.00	717.84	260.00	295.00	180.53	1239.78	1059.25	5
5	8,500	116.60	0.	120.00	50.00	120.00	1421.11	260.00	295.00	171.92	1714.42	1406.47	6
6	8,500	117.25	0.	120.00	50.00	120.00	1852.87	260.00	295.00	167.89	1796.87	1582.27	7
7	8,500	118.83	0.	120.00	50.00	120.00	3202.15	260.00	295.00	158.27	1919.70	1761.43	8
9	11,000	115.27	8.40	120.00	50.00	120.00	349.52	200.00	295.00	200.00	295.00	95.00	11
10	11,000	116.50	13.31	120.00	50.00	120.00	526.09	200.00	295.00	200.00	295.00	95.00	12
11	11,000	117.10	16.49	120.00	50.00	120.00	611.63	200.00	295.00	200.00	295.00	95.00	13
12	11,000	118.24	24.52	120.00	50.00	120.00	605.05	200.00	295.00	200.00	295.00	95.00	14
14	* 11,250	114.43	8.57	120.00	50.00	120.00	75.61	1060.00	1140.00	1073.01	1118.71	44.71	17
15	* 11,250	116.38	13.74	120.00	50.00	120.00	155.60	1060.00	1140.00	1068.83	1124.93	55.10	18
16	* 11,250	117.33	16.75	120.00	50.00	120.00	205.96	1060.00	1140.00	1066.79	1128.41	60.62	19
17	* 11,250	121.27	25.57	120.00	50.00	120.00	499.29	1060.00	1140.00	658.64	1342.34	3683.70	20
19	11,450	115.77	8.65	120.00	50.00	120.00	127.39	1060.00	1140.00	1070.13	1122.99	51.86	21
20	11,450	117.98	13.87	120.00	50.00	120.00	244.58	1060.00	1140.00	1065.41	1130.76	64.35	22
21	11,450	119.02	16.91	120.00	50.00	120.00	316.15	1060.00	1140.00	1063.17	1134.59	70.42	23
22	11,450	121.72	27.33	120.00	50.00	120.00	853.34	1060.00	1140.00	614.91	1467.56	4062.66	24
24	11,600	116.30	8.74	120.00	50.00	120.00	226.11	450.00	530.00	450.00	530.00	79.83	25
25	11,600	118.76	14.02	120.00	50.00	120.00	504.22	450.00	530.00	450.00	530.00	80.00	26
26	11,600	119.88	17.08	120.00	50.00	120.00	660.92	450.00	530.00	450.00	530.00	80.00	27
27	11,600	121.83	31.55	120.00	50.00	120.00	10551.51	450.00	530.00	170.89	2713.78	2542.90	28
29	12,600	116.72	17.53	120.00	50.00	120.00	2308.52	450.00	530.00	258.42	2489.79	2231.36	29
30	12,600	119.31	30.11	120.00	50.00	120.00	5807.02	450.00	530.00	214.03	2671.82	2457.80	30
31	12,600	120.55	36.80	120.00	50.00	120.00	7988.41	450.00	530.00	192.79	2692.48	2499.70	31
32	12,600	121.83	77.03	120.00	50.00	120.00	10559.33	450.00	530.00	170.82	2713.84	2543.02	32
34	* 42,000	116.67	280.97	120.00	50.00	120.00	155.69	810.00	850.00	715.65	1274.84	559.19	33
35	42,000	119.48	589.63	120.00	50.00	120.00	978.37	810.00	850.00	453.78	1638.42	1184.64	34
36	42,000	120.70	752.55	120.00	50.00	120.00	1676.48	810.00	850.00	390.46	1750.33	1359.87	35
37	42,000	122.08	969.54	120.00	50.00	120.00	2719.42	810.00	850.00	332.65	1885.58	1552.93	36
39	65,000	118.31	404.25	120.00	50.00	120.00	1267.03	1020.00	1060.00	421.27	1891.82	1470.55	37
40	65,000	120.10	855.12	120.00	50.00	120.00	2639.91	1020.00	1060.00	371.36	2017.08	1645.72	38
41	65,000	121.16	1107.16	120.00	50.00	120.00	3703.35	1020.00	1060.00	341.40	2097.31	1755.91	39
42	65,000	122.67	1449.86	120.00	50.00	120.00	5504.28	1020.00	1060.00	299.27	2199.30	1900.04	40
44	80,000	118.39	634.51	120.00	50.00	120.00	2874.64	985.00	1019.00	751.13	3438.13	2631.20	41
45	80,000	120.18	1218.03	120.00	50.00	120.00	5452.09	985.00	1019.00	727.55	3593.50	2865.95	42
46	80,000	121.23	1554.29	120.00	50.00	120.00	7404.07	985.00	1019.00	682.53	3614.69	2932.17	43
47	80,000	122.77	2023.00	120.00	50.00	120.00	10699.91	985.00	1019.00	638.47	3645.38	3006.91	44
49	83,500	118.39	708.29	120.00	50.00	120.00	2894.67	985.00	1019.00	750.96	3439.69	2634.23	45
50	83,500	120.19	1331.45	120.00	50.00	120.00	5483.87	985.00	1019.00	726.77	3593.87	2867.11	46
51	83,500	121.24	1692.36	120.00	50.00	120.00	7434.74	985.00	1019.00	681.86	3615.01	2933.14	47
52	83,500	122.78	2197.81	120.00	50.00	120.00	10750.02	985.00	1019.00	638.14	3645.81	3007.66	48
54	84,300	118.30	717.23	100.00	50.00	100.00	257.13	645.00	680.00	647.53	2758.69	103.26	49
55	84,300	120.14	1346.26	100.00	50.00	100.00	422.58	645.00	680.00	646.34	2884.69	1823.81	50
56	84,300	121.24	1712.11	100.00	50.00	100.00	1058.93	645.00	680.00	645.62	3189.20	2351.47	51
57	84,300	122.78	2225.47	100.00	50.00	100.00	2665.40	645.00	680.00	545.48	3390.80	2845.32	52

SECNO	CASEL	VOL	K*XL	K*VNCH	K*XNR	,01K	STCHL	STCHR	SSIA	ENDSI	TOPWTD	
84,600	118,39	717,61	100,00	50,00	100,00	262,49	645,00	680,00	647,47	2758,80	103,91	1
84,600	120,28	1347,72	100,00	50,00	100,00	480,77	645,00	680,00	646,24	2950,39	1918,34	2
84,600	121,28	1715,09	100,00	50,00	100,00	1075,44	645,00	680,00	645,61	3193,20	2359,82	3
84,600	122,80	2231,22	100,00	50,00	100,00	2676,36	645,00	680,00	544,71	3391,42	2846,71	4
85,500	118,55	728,42	100,00	50,00	100,00	4487,55	980,00	1021,00	977,80	3779,34	2492,97	5
85,500	120,35	1365,26	100,00	50,00	100,00	7616,97	980,00	1021,00	724,80	3849,90	2929,40	6
85,500	121,30	1737,70	100,00	50,00	100,00	9699,31	980,00	1021,00	710,56	3887,28	3010,00	7
85,500	122,82	2262,87	100,00	50,00	100,00	13605,32	980,00	1021,00	650,08	3947,09	3262,11	8
89,400	118,53	778,40	100,00	50,00	100,00	360,45	830,00	885,00	796,67	1617,11	743,01	9
89,400	120,34	1443,38	100,00	50,00	100,00	1024,66	830,00	885,00	754,85	1686,50	894,14	10
89,400	121,29	1832,40	100,00	50,00	100,00	1517,99	830,00	885,00	740,58	1722,97	964,63	11
89,400	122,82	2385,99	100,00	50,00	100,00	2509,97	830,00	885,00	611,44	1781,34	1169,90	12
96,000	119,73	795,80	100,00	50,00	100,00	309,68	1000,00	1100,00	682,56	1610,58	836,68	13
96,000	120,97	1484,12	100,00	50,00	100,00	816,56	1000,00	1100,00	615,78	2116,74	1477,68	14
96,000	121,74	1688,90	100,00	50,00	100,00	1325,81	1000,00	1100,00	572,11	2186,63	1605,87	15
96,000	123,23	2473,56	100,00	50,00	100,00	2676,82	1000,00	1100,00	488,52	2228,40	1739,88	16
97,000	119,46	797,33	40,00	15,00	40,00	422,42	1050,00	1075,00	680,00	1075,00	44,00	17
97,000	119,31	1487,47	40,00	15,00	40,00	408,39	1050,00	1075,00	680,00	1075,00	44,00	18
* 97,000	120,96	1891,71	40,00	15,00	40,00	454,86	1050,00	1075,00	680,00	1075,00	45,00	19
* 97,000	126,73	2483,41	40,00	15,00	40,00	1163,49	1050,00	1075,00	54,50	2020,00	1965,50	20
99,000	119,68	798,60	40,00	15,00	40,00	415,29	1050,00	1075,00	680,00	1075,00	44,00	21
99,000	121,69	1488,90	40,00	15,00	40,00	478,07	1050,00	1075,00	680,00	1075,00	46,00	22
99,000	122,30	1895,31	40,00	15,00	40,00	443,37	1050,00	1075,00	680,00	1075,00	46,00	23
99,000	127,37	2496,41	40,00	15,00	40,00	2048,71	1050,00	1075,00	0	2020,00	2020,00	24
100,000	120,47	802,89	100,00	50,00	100,00	930,43	1400,00	1500,00	426,18	2269,52	1824,48	25
100,000	123,13	1499,19	100,00	50,00	100,00	3744,27	1400,00	1500,00	346,22	2382,46	2033,72	26
100,000	125,10	1910,41	100,00	50,00	100,00	6869,52	1400,00	1500,00	232,27	2465,96	2233,68	27
100,000	127,50	2521,55	100,00	50,00	100,00	11434,55	1400,00	1500,00	39,67	2500,00	2460,33	28
103,000	120,53	821,50	100,00	50,00	100,00	526,56	1748,00	1763,00	1300,48	2309,76	209,28	29
103,000	125,15	1545,71	100,00	50,00	100,00	2016,07	1748,00	1763,00	1204,46	2443,52	1239,06	30
103,000	125,11	1980,75	100,00	50,00	100,00	3813,36	1748,00	1763,00	993,30	2483,86	1490,55	31
103,000	127,51	2624,99	100,00	50,00	100,00	6870,13	1748,00	1763,00	625,91	2500,00	1874,09	32
108,900	120,66	844,24	100,00	50,00	100,00	350,35	890,00	900,00	434,58	1202,91	755,22	33
108,900	123,15	1603,47	100,00	50,00	100,00	1414,10	890,00	900,00	332,81	1405,28	1001,09	34
108,900	125,13	2071,44	100,00	50,00	100,00	2763,76	890,00	900,00	235,75	1411,00	1175,25	35
108,900	127,53	2762,37	100,00	50,00	100,00	5078,43	890,00	900,00	119,63	1411,00	1291,37	36
118,500	121,33	867,51	100,00	50,00	100,00	142,91	682,00	700,00	273,63	845,10	571,47	37
118,500	123,33	1666,28	100,00	50,00	100,00	676,83	682,00	700,00	169,66	931,95	762,29	38
118,500	125,19	2174,58	100,00	50,00	100,00	1532,36	682,00	700,00	127,46	1017,16	889,70	39
118,500	127,58	2925,05	100,00	50,00	100,00	3185,46	682,00	700,00	57,77	1283,22	1225,45	40
126,300	122,26	883,74	100,00	50,00	100,00	244,74	714,00	728,00	41,12	878,76	838,64	41
126,300	123,63	1705,53	100,00	50,00	100,00	704,47	714,00	728,00	32,48	937,23	904,26	42
126,300	125,29	2241,57	100,00	50,00	100,00	1554,03	714,00	728,00	23,13	1013,46	990,33	43
126,300	127,66	3037,30	100,00	50,00	100,00	3326,78	714,00	728,00	9,14	1187,83	1178,69	44

SECNO	CWSEL	VOL	K*XL	K*XCH	K*XNR	.01K	STCHL	STCHR	ESTA	ENDST	TOP*ID
139,100	122,43	935,23	100,00	50,00	100,00	758,49	623,00	634,00	242,43	1114,03	871,60
139,100	123,80	1792,83	100,00	50,00	100,00	1430,29	623,00	634,00	211,36	1150,01	938,65
139,100	125,38	2374,87	100,00	50,00	100,00	2458,77	623,00	634,00	140,01	1191,57	1051,56
139,100	127,73	3247,75	100,00	50,00	100,00	4528,80	623,00	634,00	18,32	1200,00	1191,68
151,700	122,56	976,13	100,00	50,00	100,00	136,77	559,00	570,00	270,85	657,29	386,43
151,700	123,97	1863,12	100,00	50,00	100,00	379,37	559,00	570,00	179,74	696,38	516,64
151,700	125,48	2479,80	100,00	50,00	100,00	804,38	559,00	570,00	139,92	720,96	581,04
151,700	127,83	3412,15	100,00	50,00	100,00	1774,87	559,00	570,00	77,77	750,00	672,23
162,400	124,25	987,71	100,00	50,00	100,00	95,77	185,00	206,00	127,63	215,05	87,42
162,400	125,42	1882,25	100,00	50,00	100,00	163,50	185,00	206,00	99,56	217,70	118,14
162,400	126,07	2510,17	100,00	50,00	100,00	213,24	185,00	206,00	85,26	238,76	153,50
162,400	128,26	3466,81	100,00	50,00	100,00	481,22	185,00	206,00	37,88	296,63	260,75

SUMMARY OF ERRORS

CAUTION	SECNO=	11,250	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	11,250	PROFILE=	1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	11,250	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	11,250	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	11,250	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	11,250	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	11,250	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	11,250	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	11,250	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	11,250	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	11,250	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	42,000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	42,000	PROFILE=	1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	97,000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	97,000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	97,000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	97,000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	97,000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	97,000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL

 MEG2 RELEASE DATED NOV 76 UPDATED AUG 1977
 ERROR CORR = 01,02
 MODIFICATION = 50,51,52,53

T1 LUMBERION NC FIVE MILE BRANCH
 I2 FLOOD INSURANCE STUDY
 I3 100-YEAR DISCHARGE, NATURAL CONDITIONS

J1	ICHECK	INH	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	4.	0.	0.	0.000400	0.	0.	0.	118,000	0.
J2	NPROF	IPLOI	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CFNIM	ITRACE
	1,000	0.	-1,000	5,000	500,000	0.	0.	0.	0.	0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38,000	1,000	50,000	51,000	42,000	39,000	0.	38,000	21,000	22,000
	53,000	54,000	4,000	0.	38,000	1,000	58,000	35,000	50,000	40,000
	41,000	25,000	0.	38,000	1,000	45,000	13,000	55,000	14,000	26,000
	15,000	56,000	8,000	35,000	60,000	59,000	0.	38,000	1,000	7,000
	16,000	17,000	18,000	34,000	21,000	22,000	53,000	54,000	4,000	0.
VC	0.12	0.120	0.050	0.100	0.300	0.	0.	0.	0.	0.
QI	5,000	1455,000	2840,000	3700,000	6400,000	3700,000	0.	0.	0.	0.
ET	0.	0.	0.	0.	0.	10,400	0.	0.	0.	0.
X1	8,500	13,000	220,000	295,000	0.	0.	0.	0.	0.	0.
GR	131,000	0.	130,000	90,000	112,000	200,000	112,000	260,000	107,000	265,000
GR	107,000	280,000	112,000	295,000	114,000	1220,000	117,600	1280,000	116,000	1470,000
GR	116,000	1640,000	118,000	1890,000	130,000	2320,000	0.	0.	0.	0.
X1	11,000	13,000	200,000	295,000	250,000	250,000	250,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	120,000	120,000	0.
GR	131,000	0.	130,000	90,000	112,000	200,000	112,000	260,000	107,000	265,000
GR	107,000	280,000	112,000	295,000	114,000	1220,000	117,600	1280,000	116,000	1470,000
GR	116,000	1640,000	118,000	1890,000	130,000	2320,000	0.	0.	0.	0.
X1	11,250	20,000	1060,000	1140,000	25,000	25,000	25,000	0.	0.	0.
BT	2,000	1060,000	120,500	119,500	1140,000	120,500	119,500	0.	0.	0.
GR	130,000	0.	124,000	400,000	120,300	750,000	120,500	1060,000	113,500	1075,000
GR	111,500	1085,000	108,700	1095,000	108,700	1099,000	119,500	1099,000	119,500	1100,000
GR	108,700	1100,000	111,700	1110,000	116,400	1125,000	120,500	1140,000	120,500	3250,000
GR	120,700	3720,000	121,000	4050,000	121,500	4600,000	124,000	5450,000	130,000	6150,000

GR 116,000 2270,000 118,000 1890,000 130,000 2320,000 0. 0. 0. 0.

	GR	114,000	2620,000	114,000	2850,000	112,000	2980,000	111,000	3170,000	112,000	3400,000	
	GR	114,000	3600,000	130,000	4230,000	0.	0.	0.	0.	0.	0.	
	X1	89,400	18,000	830,000	885,000	390,000	390,000	390,000	0.	0.	0.	
	GR	130,000	0.	128,000	130,000	126,000	230,000	124,000	440,000	122,000	730,000	
1	GR	120,000	760,000	118,000	810,000	118,000	820,000	119,000	830,000	113,000	840,000	1
2	GR	112,200	860,000	121,300	875,000	121,700	835,000	118,300	950,000	117,000	1200,000	2
3	GR	116,000	1440,000	116,000	1520,000	128,000	1980,000	0.	0.	0.	0.	3
4												4
5												5
6	X1	96,000	25,000	1000,000	1100,000	660,000	660,000	660,000	0.	0.	0.	6
7	GR	130,000	0.	128,000	125,000	126,000	250,000	124,000	445,000	120,000	670,000	7
8	GR	118,600	735,000	114,600	738,000	114,000	750,000	114,700	762,000	122,200	772,000	8
9	GR	120,600	800,000	117,700	1000,000	117,700	1042,000	112,000	1044,000	111,700	1050,000	9
10	GR	114,500	1056,000	116,500	1059,000	117,900	1100,000	118,000	1240,000	119,500	1450,000	10
11	GR	120,000	1800,000	120,000	2030,000	122,000	2210,000	124,000	2240,000	124,300	2335,000	11
12	NC	0.040	0.040	0.015	0.	0.	0.	0.	0.	0.	0.	12
13												13
14												14
15	X1	97,000	24,000	1050,000	1075,000	100,000	100,000	100,000	0.	0.	0.	15
16	BT	5,000	680,000	125,600	121,500	701,000	125,600	121,500	840,000	125,500	0.	16
17	BT	1050,000	125,300	120,900	1075,000	125,300	120,900	0.	0.	0.	0.	17
18	GR	127,000	0.	126,000	200,000	125,700	270,000	125,600	580,000	125,600	680,000	18
19	GR	113,100	680,000	113,500	690,000	121,500	690,000	121,500	691,000	113,500	691,000	19
20	GR	113,500	701,000	125,600	701,000	125,500	840,000	125,300	1050,000	112,900	1050,000	20
21	GR	112,900	1062,000	120,900	1062,000	120,900	1063,000	112,900	1063,000	112,900	1075,000	21
22	GR	125,300	1075,000	125,400	1400,000	125,700	1700,000	126,200	2020,000	0.	0.	22
23												23
24												24
25	X1	99,000	24,000	1050,000	1075,000	200,000	220,000	200,000	0.	0.	0.	25
26	BT	5,000	680,000	125,600	121,800	701,000	125,600	121,800	840,000	125,500	0.	26
27	BT	1050,000	125,300	121,200	1075,000	125,300	121,200	0.	0.	0.	0.	27
28	GR	127,000	0.	126,000	200,000	125,700	270,000	125,600	580,000	125,600	680,000	28
29	GR	113,400	680,000	113,800	690,000	121,500	690,000	121,500	691,000	113,800	691,000	29
30	GR	113,600	701,000	125,600	701,000	125,500	840,000	125,300	1050,000	113,200	1050,000	30
31	GR	113,200	1062,000	120,900	1062,000	120,900	1063,000	113,200	1063,000	113,200	1075,000	31
32	GR	125,300	1075,000	125,400	1400,000	125,700	1700,000	126,200	2020,000	0.	0.	32
33	NC	0.100	0.100	0.050	0.	0.	0.	0.	0.	0.	0.	33
34												34
35												35
36	X1	100,000	23,000	1400,000	1500,000	100,000	100,000	100,000	0.	0.	0.	36
37	GR	128,000	0.	126,000	160,000	124,000	320,000	120,000	440,000	119,100	700,000	37
38	GR	120,000	712,000	124,400	716,000	121,600	719,000	120,000	731,000	114,500	741,000	38
39	GR	113,800	750,000	114,900	759,000	120,700	765,000	118,300	800,000	118,600	1400,000	39
40	GP	117,900	1443,000	116,000	1445,000	114,100	1450,000	116,000	1455,000	117,900	1458,000	40
41	GR	116,900	1500,000	120,000	2250,000	125,900	2500,000	0.	0.	0.	0.	41
42	ET	0.	0.	0.	0.	0.	8,100	0.	1650,000	1800,000	0.	42
43	WT	5,000	660,000	1340,000	1760,000	3150,000	1760,000	0.	0.	0.	0.	43
44												44
45												45
46												46
47	X1	103,000	23,000	1748,000	1763,000	300,000	300,000	300,000	0.	0.	0.	47
48	GR	132,700	0.	132,000	100,000	130,000	195,000	128,000	520,000	126,000	955,000	48
49	GR	123,800	1050,000	123,800	1150,000	122,600	1250,000	118,500	1350,000	117,000	1450,000	49
50	GR	117,700	1550,000	118,100	1650,000	118,200	1700,000	118,100	1738,000	118,400	1748,000	50
51	GR	113,300	1755,000	118,200	1763,000	117,900	1773,000	117,400	1800,000	118,700	1850,000	51
52	GR	120,000	2270,000	122,000	2420,000	125,900	2500,000	0.	0.	0.	0.	52
53	ET	0.	0.	0.	0.	0.	8,100	0.	750,000	1050,000	0.	53
54												54
55												55
56												56
57	X1	108,900	20,000	890,000	900,000	590,000	590,000	590,000	0.	0.	0.	57
58	GR	130,000	0.	123,800	300,000	121,900	400,000	118,300	500,000	117,800	600,000	58
59	GR	118,500	700,000	118,400	800,000	119,700	800,000	114,300	897,000	118,900	900,000	59
60	GR	118,400	1000,000	119,600	1100,000	120,600	1150,000	118,100	1164,000	120,700	1171,000	60
61	GR	120,600	1200,000	122,500	1300,000	125,000	1393,000	121,400	1400,000	125,100	1411,000	61
62	ET	0.	0.	0.	0.	0.	8,100	0.	500,000	800,000	0.	62
63												63
64												64
65												65
66												66
67												67
68												68
69												69
70												70
71												71
72												72
73	X1	108,900	20,000	890,000	900,000	590,000	590,000	590,000	0.	0.	0.	73
74	GR	130,000	0.	123,800	300,000	121,900	400,000	118,300	500,000	117,800	600,000	74
75	GR	118,500	700,000	118,400	800,000	119,700	800,000	114,300	897,000	118,900	900,000	75
76	GR	118,400	1000,000	119,600	1100,000	120,600	1150,000	118,100	1164,000	120,700	1171,000	76
77	GR	120,600	1200,000	122,500	1300,000	125,000	1393,000	121,400	1400,000	125,100	1411,000	77
78	ET	0.	0.	0.	0.	0.	8,100	0.	500,000	800,000	0.	78

 HPC2 RELEASE DATED NOV 76 UPDATED AUG 1977
 ERROR CORR = 01,02
 MODIFICATION = 50,51,52,53

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100-YEAR DISCHARGE, NAIU
 SUMMARY PRINTOUT

SECNO	CWSEL	DIFWSP	DIFWSX	ELMIN	XLCH
8,500	117.27	0.	0.	107.00	0.
8,500	118.27	1.00	0.	107.00	0.
11,000	117.11	0.	-0.16	107.00	250.00
11,000	118.21	1.10	-0.06	107.00	250.00
* 11,250	117.33	0.	0.22	108.70	25.00
* 11,250	117.33	0.	-0.87	108.70	25.00
11,450	119.02	0.	1.69	108.70	20.00
11,450	119.03	0.01	1.65	108.70	20.00
11,600	119.88	0.	0.86	108.70	15.00
11,600	119.89	0.01	0.86	108.70	15.00
12,600	120.55	0.	0.67	108.70	100.00
12,600	120.59	0.04	0.70	108.70	100.00
42,000	120.70	0.	0.15	109.70	2940.00
42,000	121.69	0.99	1.10	109.70	2940.00
65,000	121.16	0.	0.46	110.50	2300.00
65,000	122.17	1.00	0.48	110.50	2300.00
80,000	121.23	0.	0.07	111.30	1500.00
80,000	122.24	1.00	0.07	111.30	1500.00
83,500	121.24	0.	0.01	111.30	350.00
83,500	122.25	1.00	0.01	111.30	350.00
84,300	121.24	0.	-0.00	110.80	80.00
84,300	122.24	1.00	-0.01	110.80	80.00
84,600	121.28	0.	0.04	110.80	30.00
84,600	122.28	1.00	0.04	110.80	30.00
85,500	121.30	0.	0.02	111.00	90.00
85,500	122.30	1.00	0.02	111.00	90.00

	SECNO	CWSEL	DIFWSP	DIFWSX	ELMIN	XLCH	
1	89,400	121,29	0.	-0.00	112.20	390.00	1
2	89,400	122,30	1.00	-0.00	112.20	390.00	2
3							3
4							4
5	96,000	121,74	0.	0.45	111.70	660.00	5
6	96,000	122,73	0.99	0.44	111.70	660.00	6
7							7
8	* 97,000	120,96	0.	-0.78	112.90	100.00	8
9	97,000	121,24	0.28	-1.50	112.90	100.00	9
10							10
11	99,000	122,30	0.	1.34	113.20	200.00	11
12	99,000	122,51	0.21	1.28	113.20	200.00	12
13							13
14	100,000	125,10	0.	2.80	113.80	100.00	14
15	100,000	125,32	0.22	2.81	113.80	100.00	15
16							16
17	103,000	125,11	0.	0.01	113.30	300.00	17
18	103,000	125,30	0.19	-0.02	113.30	300.00	18
19							19
20	108,900	125,13	0.	0.02	114.30	590.00	20
21	108,900	125,58	0.45	0.28	114.30	590.00	21
22							22
23	118,500	125,19	0.	0.06	116.90	960.00	23
24	118,500	125,86	0.67	0.28	116.90	960.00	24
25							25
26	126,300	125,29	0.	0.10	116.20	780.00	26
27	126,300	126,17	0.88	0.31	117.30	780.00	27
28							28
29	139,100	125,38	0.	0.09	117.00	1280.00	29
30	139,100	126,59	1.02	0.22	117.00	1280.00	30
31							31
32	151,700	125,48	0.	0.10	118.60	1260.00	32
33	151,700	126,56	1.08	0.16	118.60	1260.00	33
34							34
35	162,400	126,07	0.	0.59	120.10	1070.00	35
36	162,400	126,98	0.91	0.42	120.10	1070.00	36
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100-YEAR DISCHARGE, NATU
SUMMARY PRINIDOUJ

SECND	STCHL	SICHR	SSTA	ENDBT	TOPWTD
8,500	260,00	295,00	167,79	1798,93	1586,65
8,500	260,00	295,00	260,00	954,92	694,92
11,000	200,00	295,00	200,00	295,00	95,00
11,000	200,00	295,00	200,00	295,00	95,00
11,250	1060,00	1140,00	1066,79	1128,41	60,62
11,250	1060,00	1140,00	1066,79	1128,41	60,62
11,450	1060,00	1140,00	1063,17	1134,59	70,42
11,450	1060,00	1140,00	1063,14	1134,64	70,50
11,600	450,00	530,00	450,00	530,00	80,00
11,600	450,00	530,00	450,00	530,00	80,00
12,600	450,00	530,00	192,79	2692,48	2499,70
12,600	450,00	530,00	400,00	800,00	400,00
42,000	810,00	850,00	390,46	1750,33	1359,87
42,000	810,00	850,00	732,67	1300,24	607,57
65,000	1020,00	1060,00	341,40	2097,31	1755,91
65,000	1020,00	1060,00	694,39	1665,54	971,15
80,000	985,00	1019,00	682,53	3614,69	2932,17
80,000	985,00	1019,00	985,00	2897,43	1912,43
83,500	985,00	1019,00	681,86	3615,01	2933,14
83,500	985,00	1019,00	985,00	2901,51	1916,51
84,500	645,00	680,00	645,62	3185,20	2351,47
84,500	645,00	680,00	645,00	2065,43	1420,43
84,600	645,00	680,00	645,61	3193,20	2359,82
84,600	645,00	680,00	645,00	2063,12	1418,12
85,500	980,00	1021,00	710,56	3887,28	3010,00
85,500	980,00	1021,00	980,00	3314,38	2334,38
89,400	830,00	885,00	740,58	1722,97	964,63
89,400	830,00	885,00	830,00	1402,25	612,25
96,000	1000,00	1100,00	572,11	2186,63	1605,87
96,000	1000,00	1100,00	953,49	1597,22	643,73
97,000	1050,00	1075,00	680,00	1075,00	45,00
97,000	1050,00	1075,00	680,00	1075,00	45,00
99,000	1050,00	1075,00	680,00	1075,00	46,00
99,000	1050,00	1075,00	680,00	1075,00	46,00
100,000	1400,00	1500,00	232,27	2465,96	2233,68
100,000	1400,00	1500,00	663,69	2040,36	1376,67

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	SECNO	STCHL	STCHR	SSTA	ENDST	TOPWTD	
1	103,000	1748,00	1763,00	993,30	2483,86	1490,55	1
2	103,000	1748,00	1763,00	1650,00	1800,00	150,00	2
3							3
4	108,900	890,00	900,00	235,75	1411,00	1175,25	4
5	108,900	890,00	900,00	750,00	1050,00	300,00	5
6							6
7	118,500	682,00	700,00	127,46	1017,16	889,70	7
8	118,500	682,00	700,00	500,00	800,00	300,00	8
9							9
10	126,300	714,00	728,00	23,13	1013,46	990,33	10
11	126,300	714,00	728,00	500,00	800,00	300,00	11
12							12
13	139,100	623,00	634,00	140,01	1191,57	1051,56	13
14	139,100	623,00	634,00	400,00	800,00	400,00	14
15							15
16	151,700	559,00	570,00	139,92	720,96	581,04	16
17	151,700	559,00	570,00	301,69	602,81	301,11	17
18							18
19	162,400	185,00	206,00	85,26	238,76	153,50	19
20	162,400	185,00	206,00	165,30	206,00	40,70	20
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100-YEAR DISCHARGE, NATU
SUMMARY PRINTOUT

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11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
	8,500	117.27	0.	0.	0.	0.	0.	5164.13	
	8,500	118.27	0.	0.	1.00	0.	0.	4011.53	
	11,000	117.11	0.33	0.	0.	0.	0.	610.62	
	11,000	118.21	0.41	0.	1.10	0.	0.	714.75	
*	11,250	117.33	0.34	68.00	0.	120.50	119.50	293.08	
*	11,250	117.33	0.28	68.00	0.	120.50	119.50	293.08	
	11,450	119.02	1.53	0.	0.	120.50	119.50	403.68	
	11,450	119.03	1.54	0.	0.01	120.50	119.50	404.07	
	11,600	119.88	2.09	0.	0.	0.	0.	594.76	
	11,600	119.89	1.94	0.	0.01	0.	0.	594.82	
	12,600	120.55	12.09	0.	0.	0.	0.	16585.19	
	12,600	120.59	3.48	0.	0.04	0.	0.	3366.56	
	42,000	120.70	0.21	0.34	0.	0.	0.	4624.33	
	42,000	121.69	0.78	0.34	0.99	0.	0.	3492.33	
	65,000	121.16	2.21	0.35	0.	0.	0.	8807.82	
	65,000	122.17	2.22	0.35	1.00	0.	0.	7270.29	
	80,000	121.23	2.00	0.53	0.	0.	0.	17161.05	
	80,000	122.24	2.00	0.53	1.00	0.	0.	14811.97	
	83,500	121.24	1.00	0.	0.	0.	0.	17206.68	
	83,500	122.25	1.00	0.	1.00	0.	0.	14845.92	
	84,300	121.24	0.14	-6.25	0.	118.90	119.80	4301.57	
	84,300	122.24	0.14	-6.25	1.00	118.90	119.80	3617.14	
	84,600	121.28	1.02	0.	0.	118.90	119.80	4351.54	
	84,600	122.28	1.01	0.	1.00	118.90	119.80	3644.00	
	85,500	121.30	9.02	2.22	0.	0.	0.	17541.17	
	85,500	122.30	9.07	2.22	1.00	0.	0.	16262.32	
	89,400	121.29	0.16	3.08	0.	0.	0.	3611.81	
	89,400	122.30	0.16	3.08	1.00	0.	0.	3063.75	
	96,000	121.74	0.87	-0.76	0.	0.	0.	3847.01	
	96,000	122.73	0.87	-0.76	0.99	0.	0.	2740.53	
*	97,000	120.96	0.34	12.00	0.	125.30	121.50	343.14	
	97,000	121.24	0.35	12.00	0.28	125.30	121.50	348.71	
	99,000	122.30	0.97	1.50	0.	125.30	121.80	354.60	
	99,000	122.51	0.96	1.50	0.21	125.30	121.80	354.60	
	100,000	125.10	15.49	6.00	0.	0.	0.	12793.24	
	100,000	125.32	13.08	6.00	0.22	0.	0.	9744.18	

100-YEAR DISCHARGE, NATU
SUMMARY PRINTOUT

SECNO	CWSEL	Q	QLOB	VLOB	QCH	VCH	QROR	VROR	DEPTH	QLOB%	QCH%	QROR%
8,500	117,27	3700,00	274,89	0,69	740,48	2,39	2684,63	0,60	10,27	7,43	20,01	72,56
8,500	118,27	3700,00	0,	0,	817,55	2,37	2882,45	0,79	11,27	0,	22,10	77,90
11,000	117,11	3700,00	0,	0,	3700,00	6,96	0,	0,	10,11	0,	100,00	0,
11,000	118,21	3700,00	0,	0,	3700,00	5,18	0,	0,	11,21	0,	100,00	0,
* 11,250	117,33	3700,00	0,	0,	3700,00	12,62	0,	0,	8,63	0,	100,00	0,
* 11,250	117,33	3700,00	0,	0,	3700,00	12,62	0,	0,	8,63	0,	100,00	0,
11,450	119,02	3700,00	0,	0,	3700,00	9,17	0,	0,	10,32	0,	100,00	0,
11,450	119,03	3700,00	0,	0,	3700,00	9,14	0,	0,	10,33	0,	100,00	0,
11,600	119,88	3700,00	0,	0,	3700,00	6,22	0,	0,	11,18	0,	100,00	0,
11,600	119,89	3700,00	0,	0,	3700,00	6,22	0,	0,	11,19	0,	100,00	0,
12,600	120,55	3700,00	235,60	0,18	354,77	0,55	3109,64	0,21	11,85	6,37	9,59	84,04
12,600	120,59	3700,00	234,43	0,70	1334,21	2,05	2131,35	0,89	11,89	6,34	36,06	57,60
42,000	120,70	3700,00	735,97	0,61	868,95	2,62	2095,08	0,68	11,00	19,89	23,49	56,62
42,000	121,69	3700,00	351,32	0,62	1052,91	2,84	2295,77	0,85	11,99	9,50	28,46	62,05
65,000	121,16	3700,00	1297,22	0,38	397,29	1,20	2005,48	0,39	10,66	35,06	10,74	54,20
65,000	122,17	3700,00	1144,51	0,47	480,10	1,29	2075,39	0,47	11,67	30,93	12,98	56,09
80,000	121,23	3700,00	137,50	0,14	131,93	0,51	3430,58	0,22	9,93	3,72	3,57	92,72
80,000	122,24	3700,00	0,	0,	152,98	0,52	3547,02	0,24	10,94	0,	4,13	95,87
83,500	121,24	3700,00	137,93	0,14	131,83	0,51	3430,24	0,21	9,94	3,73	3,56	92,71
83,500	122,25	3700,00	0,	0,	152,63	0,52	3547,37	0,24	10,95	0,	4,13	95,87
84,300	121,24	3700,00	0,	0,	361,94	2,04	3338,06	0,81	10,44	0,	9,78	90,22
84,300	122,24	3700,00	0,	0,	305,67	1,66	3394,53	0,99	11,44	0,	8,26	91,74
84,600	121,28	3700,00	0,	0,	356,48	2,00	3343,52	0,80	10,48	0,	9,63	90,37
84,600	122,28	3700,00	0,	0,	304,40	1,64	3395,60	0,98	11,48	0,	8,23	91,77
85,500	121,30	3700,00	6,38	0,06	108,41	0,39	3585,21	0,21	10,30	0,17	2,93	96,90
85,500	122,30	3700,00	0,	0,	128,20	0,40	3571,80	0,22	11,30	0,	3,46	96,54
89,400	121,29	3700,00	148,73	0,71	705,29	2,39	2845,98	0,92	9,09	4,02	19,06	76,92
89,400	122,30	3700,00	0,	0,	793,32	2,26	2906,68	1,07	10,10	0,	21,44	78,56
96,000	121,74	3700,00	881,14	0,88	994,53	2,18	1824,34	0,76	10,04	23,81	26,88	49,31
96,000	122,73	3700,00	240,33	1,10	1387,00	2,50	2072,23	1,05	11,03	6,50	37,50	56,01
* 97,000	120,96	3700,00	951,90	6,30	2748,10	14,31	0,	0,	8,06	25,73	74,27	0,
* 97,000	121,24	3700,00	987,84	6,30	2712,16	14,13	0,	0,	8,34	26,70	73,30	0,
99,000	122,30	3700,00	929,22	5,73	2770,78	14,41	0,	0,	9,10	25,11	74,89	0,
99,000	122,51	3700,00	928,45	5,72	2771,55	14,41	0,	0,	9,31	25,00	74,91	0,
100,000	125,10	3700,00	1744,42	0,27	462,90	0,61	1492,68	0,27	11,30	47,15	12,51	40,34
100,000	125,32	3700,00	1718,71	0,34	577,82	0,74	1403,47	0,36	11,52	46,45	15,62	37,93

100-YEAR DISCHARGE, NATH
SUMMARY PRINTOUT

SECNO	CWSEL	VOL	K*XL	K*YNDH	K*XNR	,01K	STCHL	STCHR	SETA	ENDST	TOPWD
8,500	117,27	0.	120,00	50,00	120,00	1864,57	260,00	295,00	167,79	1798,93	1586,65
8,500	118,27	0.	120,00	50,00	120,00	1819,78	260,00	295,00	260,00	954,92	694,92
11,000	117,11	16,57	120,00	50,00	120,00	614,11	200,00	295,00	200,00	295,00	95,00
11,000	118,21	13,56	120,00	50,00	120,00	737,94	200,00	295,00	200,00	295,00	95,00
* 11,250	117,33	16,63	120,00	50,00	120,00	205,96	1060,00	1140,00	1066,79	1128,41	60,62
* 11,250	117,33	13,85	120,00	50,00	120,00	205,96	1060,00	1140,00	1066,79	1128,41	60,62
11,450	119,02	16,49	120,00	50,00	120,00	316,15	1060,00	1140,00	1063,17	1134,59	70,42
11,450	119,03	14,01	120,00	50,00	120,00	317,19	1060,00	1140,00	1063,14	1134,64	70,50
11,600	119,88	17,16	120,00	50,00	120,00	660,92	450,00	530,00	450,00	530,00	80,00
11,600	119,89	14,18	120,00	50,00	120,00	615,90	450,00	530,00	450,00	530,00	80,00
12,600	120,55	36,88	120,00	50,00	120,00	7988,41	450,00	530,00	192,79	2692,48	2499,70
12,600	120,59	18,73	120,00	50,00	120,00	2140,90	450,00	530,00	400,00	800,00	400,00
42,000	120,70	752,63	120,00	50,00	120,00	1676,48	810,00	850,00	390,46	1750,33	1359,87
42,000	121,69	250,19	120,00	50,00	120,00	1668,31	810,00	850,00	732,67	1340,24	607,57
65,000	121,16	1107,24	120,00	50,00	120,00	3703,35	1020,00	1060,00	341,40	2097,31	1755,91
65,000	122,17	534,33	120,00	50,00	120,00	3705,84	1020,00	1060,00	694,39	1665,54	971,15
80,000	121,23	1554,37	120,00	50,00	120,00	7404,07	985,00	1019,00	682,53	3614,69	2932,17
80,000	122,24	914,53	120,00	50,00	120,00	7401,52	985,00	1019,00	985,00	2897,43	1912,43
83,500	121,24	1692,44	120,00	50,00	120,00	7434,74	985,00	1019,00	681,86	3615,01	2933,14
83,500	122,25	1033,68	120,00	50,00	120,00	7416,79	985,00	1019,00	985,00	2901,51	1916,51
84,300	121,24	1712,19	100,00	50,00	100,00	1058,93	645,00	680,00	645,62	3189,20	2351,47
84,300	122,24	1050,64	100,00	50,00	100,00	1054,29	645,00	680,00	645,00	2065,43	1420,43
84,600	121,28	1715,17	100,00	50,00	100,00	1075,44	645,00	680,00	645,61	3193,20	2359,82
84,600	122,28	1053,14	100,00	50,00	100,00	1068,82	645,00	680,00	645,00	2063,12	1418,12
85,500	121,30	1737,78	100,00	50,00	100,00	9699,31	980,00	1021,00	710,56	3887,28	3010,00
85,500	122,30	1073,70	100,00	50,00	100,00	9691,22	980,00	1021,00	980,00	3310,38	2334,38
89,400	121,29	1832,48	100,00	50,00	100,00	1517,99	830,00	885,00	740,58	1722,97	964,63
89,400	122,30	1160,22	100,00	50,00	100,00	1513,47	830,00	885,00	830,00	1442,25	612,25
96,000	121,74	1688,98	100,00	50,00	100,00	1325,81	1000,00	1100,00	572,11	2186,63	1605,87
96,000	122,73	1204,19	100,00	50,00	100,00	1320,51	1000,00	1100,00	953,49	1597,22	643,75
* 97,000	120,96	1893,79	40,00	15,00	40,00	454,86	1050,00	1075,00	680,00	1075,00	45,00
* 97,000	121,24	1207,73	40,00	15,00	40,00	458,79	1050,00	1075,00	680,00	1075,00	45,00
99,000	122,30	1895,59	40,00	15,00	40,00	443,37	1050,00	1075,00	680,00	1075,00	46,00
99,000	122,51	1209,35	40,00	15,00	40,00	441,68	1050,00	1075,00	680,00	1075,00	46,00
100,000	125,10	1910,49	100,00	50,00	100,00	6869,52	1400,00	1500,00	232,27	2445,96	2233,68
100,000	125,32	1220,94	100,00	50,00	100,00	5775,34	1400,00	1500,00	663,69	2040,36	1376,67

SECNO	CWSEL	VOL	K*KNL	K*KNCH	K*KNR	.01K	STCHL	STCHR	SSTA	ENDSI	TOPWID
103,000	125,15	1980,83	100,00	50,00	100,00	3813,36	1748,00	1763,00	993,30	2483,86	1490,55
103,000	125,30	1258,36	100,00	50,00	100,00	678,03	1748,00	1763,00	1650,00	1800,00	150,00
108,900	125,13	2071,52	100,00	50,00	100,00	2763,76	890,00	900,00	235,75	1411,00	1175,25
108,900	125,58	1279,97	100,00	50,00	100,00	1116,21	890,00	900,00	750,00	1050,00	300,00
118,500	125,10	2174,66	100,00	50,00	100,00	1532,36	682,00	700,00	127,46	1017,16	889,70
118,500	125,86	1322,32	100,00	50,00	100,00	907,33	682,00	700,00	500,00	800,00	300,00
126,300	125,29	2241,65	100,00	50,00	100,00	1554,03	714,00	728,00	23,13	1013,46	490,33
126,300	126,17	1353,75	100,00	50,00	100,00	661,72	714,00	728,00	500,00	800,00	300,00
139,100	125,38	2374,95	100,00	50,00	100,00	2458,77	623,00	634,00	140,01	1191,57	1051,56
139,100	126,39	1423,08	100,00	50,00	100,00	1697,72	623,00	634,00	400,00	800,00	400,00
151,700	125,48	2479,88	100,00	50,00	100,00	804,38	559,00	570,00	139,92	720,96	581,04
151,700	126,56	1491,04	100,00	50,00	100,00	850,85	559,00	570,00	301,69	602,81	301,11
162,400	126,07	2510,25	100,00	50,00	100,00	213,24	185,00	206,00	85,26	238,76	153,50
162,400	126,98	1515,36	100,00	50,00	100,00	177,82	185,00	206,00	165,30	206,00	40,70

SUMMARY OF ERRORS

CAUTION SECNO# 11,250 PROFILE# 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO# 11,250 PROFILE# 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO# 11,250 PROFILE# 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO# 11,250 PROFILE# 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO# 11,250 PROFILE# 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO# 11,250 PROFILE# 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO# 97,000 PROFILE# 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO# 97,000 PROFILE# 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO# 97,000 PROFILE# 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

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FIVE MILE BRANCH

FLOODWAY

FIA

SNUMR = 3409T, ACTIVITY # = 01, REPORT CODE = 52, RECORD COUNT = 000117

STRT WSEL = 100-yr of Lumber River

T1 LUMBERION NC FIVE MILE BRANCH
 T2 FLOOD INSURANCE STUDY
 T3 100-YEAR Q FIVE MILE BRANCH

J1	ICHECK	IND	NTNV	IDIP	STRT	METRIC	HVINS	Q	WSEL	FD
	0.	0.	0.	0.	0.	0.	0.	0.	123.970	0.
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALIDC	TUN	CHNIN	ITRACE
	1.000	0.	-1.000	5.000	500.000	0.	0.	0.	0.	0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	50.000	42.000	33.000	58.000	39.000	0.	38.000	1.000
	50.000	41.000	40.000	41.000	25.000	0.	38.000	1.000	43.000	13.000
	55.000	14.000	26.000	15.000	56.000	8.000	0.	38.000	1.000	50.000
	7.000	16.000	17.000	18.000	4.000	53.000	50.000	34.000	0.	0.
J5	LPRNT	MUNSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.120	0.120	0.050	0.100	0.300	0.	0.	0.	0.	0.
QT	5.000	1435.000	7600.000	3700.000	6400.000	3700.000	0.	0.	0.	0.
ET	0.	0.	0.	0.	0.	10.400	0.	0.	0.	0.
X1	1260.000	22.000	480.000	530.000	0.	0.	0.	0.	0.	0.
GR	171.600	0.	110.000	305.000	114.200	400.000	113.600	450.000	113.500	480.000
GR	111.500	090.000	108.700	500.000	111.700	515.000	116.400	530.000	112.500	539.000
GR	112.100	550.000	111.400	600.000	114.000	1350.000	120.000	1075.000	120.500	1500.000
GR	120.000	1535.000	118.000	1555.000	116.000	1740.000	116.000	1790.000	116.000	2030.000
GR	120.000	2220.000	170.000	2560.000	0.	0.	0.	0.	0.	0.
X1	8350.000	21.000	985.000	1019.000	7090.000	7090.000	7090.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	122.500	122.500	0.
GR	170.000	0.	126.000	75.000	128.000	400.000	126.000	575.000	124.000	620.000
GR	122.000	650.000	120.000	735.000	118.000	755.000	116.700	900.000	116.500	985.000
GR	113.200	987.000	111.300	1000.000	113.700	1011.000	120.000	1019.000	117.300	1100.000
GR	116.000	1230.000	114.000	1475.000	114.000	3025.000	120.000	3590.000	128.000	3750.000
GR	170.000	3896.000	0.	0.	0.	0.	0.	0.	0.	0.
SR	0.950	1.500	3.100	0.	12.000	1.000	266.000	0.500	0.	0.
NC	0.050	0.100	0.050	0.	0.	0.	0.	0.	0.	0.
X1	8550.000	20.000	980.000	1021.000	190.000	190.000	190.000	0.	0.	0.
X2	0.	0.	1.000	119.700	122.200	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	122.500	122.500	0.
BT	5.000	130.000	139.000	0.	240.000	134.200	0.	965.000	122.200	0.
BT	980.000	122.200	119.700	1021.000	122.200	119.700	1050.000	121.700	0.	1670.000
BT	119.800	0.	2300.000	118.900	0.	0.	0.	0.	0.	0.
GR	132.700	0.	128.000	240.000	126.000	455.000	122.000	700.000	120.000	730.000
GR	120.000	765.000	123.500	850.000	122.000	890.000	122.000	950.000	121.200	965.000
GR	118.100	960.000	114.300	986.000	112.300	1000.000	114.500	1014.000	120.300	1021.000

GR	118,100	1050,000	116,000	1670,000	120,000	1775,000	122,000	2065,000	126,700	2300,000
NC	0,100	0,100	0,050	0,	0,	0,	0,	0,	0,	0,
X1	9600,000	20,000	1000,000	1100,000	1050,000	1050,000	1050,000	0,	0,	0,
X3	10,000	0,	0,	0,	0,	0,	0,	0,	0,	0,
GR	130,000	0,	128,000	125,000	126,000	250,000	124,000	445,000	120,000	670,000
GR	118,000	730,000	117,700	1000,000	117,700	1042,000	112,000	1044,000	111,700	1050,000
GR	114,500	1056,000	118,500	1059,000	117,900	1100,000	118,000	1240,000	119,500	1450,000
GR	120,000	1800,000	120,000	2030,000	122,000	2210,000	124,000	2240,000	124,300	2335,000
SB	1,250	1,500	3,000	1400,000	50,000	6,000	352,000	0,	0,	0,

X1	10000,000	0,	0,	0,	400,000	400,000	400,000	0,	0,	0,
X2	0,	0,	1,000	121,200	124,100	0,	0,	0,	0,	0,
X3	10,000	0,	0,	0,	0,	0,	0,	124,600	124,600	0,

X1	10300,000	20,000	1743,000	1758,000	300,000	300,000	300,000	0,	0,	0,
GR	132,700	0,	132,000	100,000	130,000	195,000	128,000	520,000	126,000	955,000
GR	124,000	1220,000	122,000	1307,000	120,000	1355,000	118,600	1700,000	117,900	1743,000
GR	116,000	1745,000	116,100	1750,000	116,000	1755,000	117,900	1758,000	116,900	1800,000
GR	120,000	2270,000	122,000	2420,000	123,800	2800,000	123,000	3350,000	123,400	3750,000
WT	5,000	660,000	1340,000	1760,000	3150,000	1760,000	0,	0,	0,	0,

X1	11100,000	13,000	1743,000	1758,000	800,000	800,000	800,000	0,	0,	0,
GR	128,000	1110,000	122,000	1293,000	120,000	1425,000	117,900	1743,000	116,000	1745,000
GR	116,000	1755,000	117,900	1758,000	120,000	2050,000	122,000	2100,000	122,000	2190,000
GR	122,200	2670,000	125,900	2735,000	126,100	2930,000	0,	0,	0,	0,

X1	12300,000	18,000	1743,000	1758,000	1200,000	1200,000	1200,000	0,	0,	0,
GR	130,000	590,000	126,000	900,000	125,000	935,000	125,000	1090,000	127,000	1100,000
GR	127,000	1112,000	122,000	1130,000	120,000	1245,000	119,400	1440,000	117,900	1743,000
GR	116,000	1745,000	116,000	1755,000	117,900	1758,000	120,000	1910,000	122,000	2085,000
GR	124,000	2135,000	126,000	2355,000	128,000	2490,000	0,	0,	0,	0,
EJ	0,	0,	0,	0,	0,	0,	0,	0,	0,	0,

I1 LUMPERION NC FIVE MILE BRANCH
 I2 FLOOD INSURANCE STUDY
 I3 FLOODWAY FIVE MILE BRANCH

J1	ICHECK	IND	ITAV	IOIF	STPT	METRIC	RVINS	Q	XSEI	FO
	0,	0,	0,	0,	0,	0,	0,	0,	124,930	0,
J2	APROF	IPL07	PREVS	XSECV	XSECH	FM	ALLOP	YBW	CHN14	ITRACE
	15,000	0,	-1,000	3,000	500,000	0,	0,	0,	0,	0,

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR = 01
 MODIFICATION = 50,51,52

NOTE- APOSTRPH (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100-YEAR Q FIVE MIL
 SUMMARY PRINTOUT

SECNO	CNSFL	DIFWSP	ELMIN	KACHSL	KRATIO	XLCH
1260.000	123.93	0.	108.70	0.	0.	0.
1260.000	124.93	1.00	108.70	0.	0.	0.
8350.000	124.00	0.	111.30	0.37	1.32	7090.00
8350.000	125.00	1.00	111.30	0.37	1.31	7090.00
8550.000	124.00	0.	112.30	5.26	0.29	190.00
8550.000	125.00	1.00	112.30	5.26	0.29	190.00
9600.000	124.10	0.	111.70	-0.57	0.99	1050.00
9600.000	125.10	1.00	111.70	-0.57	0.99	1050.00
10000.000	124.70	0.	111.70	0.	1.20	400.00
10000.000	125.70	1.00	111.70	0.	1.20	400.00
10300.000	124.72	0.	116.00	14.33	0.74	300.00
10300.000	125.72	1.00	116.00	14.33	0.74	300.00
11100.000	124.70	0.	116.00	0.	0.74	800.00
11100.000	125.70	1.00	116.00	0.	0.74	800.00
12300.000	124.85	0.	110.00	0.	0.93	1200.00
12300.000	125.85	1.00	110.00	0.	0.93	1200.00

100-YEAR 0 FIVE MIL
SUMMARY PRINTOUT

SECNO	CMSL	DIFWSP	DIFWSX	ELTRD	ELLC	AREA
1260.000	123.93	0.	0.	0.	0.	18169.70
1260.000	124.93	1.00	0.	0.	0.	16042.52
8350.000	124.00	0.	0.07	0.	0.	25045.35
8350.000	125.00	1.00	0.07	0.	0.	22498.29
8550.000	124.00	0.	0.05	122.20	119.70	7331.33
8550.000	125.00	1.00	0.05	999999.00	0.	6152.29
9600.000	124.10	0.	0.09	0.	0.	8265.83
9600.000	125.10	1.00	0.09	0.	0.	6817.21
10000.000	124.70	0.	0.56	124.10	121.20	9358.41
10000.000	125.70	1.00	0.56	999999.00	0.	7809.65
10300.000	124.72	0.	0.02	0.	0.	6480.11
10300.000	125.72	1.00	0.02	0.	0.	6534.01
11100.000	124.79	0.	0.07	0.	0.	6103.87
11100.000	125.79	1.00	0.07	0.	0.	4948.90
12300.000	124.85	0.	0.04	0.	0.	5170.18
12300.000	125.85	1.00	0.04	0.	0.	4298.91

100-YEAR Q FIVE "IL
SUMMARY PRINTOUT

SECNO	CWSEL	D	QLOR	VLOR	QCH	VCH	QROR	VROR	DEPTH
1260.000	123.93	3700.00	465.33	0.18	331.97	0.55	2902.70	0.19	15.23
1260.000	124.93	3700.00	206.66	0.21	379.27	0.58	3114.04	0.22	16.23
8350.000	124.00	3700.00	204.74	0.11	119.58	0.34	3375.68	0.15	12.70
8350.000	125.00	3700.00	0.	0.	126.64	0.33	3573.34	0.16	13.70
8550.000	124.04	3700.00	421.41	0.50	464.69	1.18	2813.90	0.46	11.74
8550.000	125.04	3700.00	130.23	0.69	547.91	1.26	3021.86	0.55	12.74
9600.000	124.14	3700.00	1044.51	0.42	675.93	0.97	1979.56	0.39	12.44
9600.000	125.14	3700.00	760.03	0.51	845.65	1.06	2094.32	0.46	13.44
10000.000	124.70	3700.00	1044.14	0.37	644.13	0.86	2011.68	0.35	13.00
10000.000	125.70	3700.00	791.50	0.45	792.25	0.93	2116.26	0.41	14.00
10300.000	124.72	3700.00	1159.34	0.46	153.39	1.22	2387.26	0.41	8.72
10300.000	125.72	3700.00	789.20	0.56	185.30	1.32	2725.51	0.55	9.72
11100.000	124.79	1760.00	745.30	0.30	100.78	0.79	913.92	0.26	8.79
11100.000	125.79	1760.00	642.71	0.34	121.32	0.85	975.97	0.33	9.79
12300.000	124.85	1760.00	1134.55	0.34	109.87	0.86	515.58	0.30	8.85
12300.000	125.85	1760.00	1208.98	0.39	132.37	0.93	418.66	0.39	9.85

100-YEAR 0 FIVE M/L
SUMMARY PRINTOUT

SFCNO	CWSEL	DIFWSP	VOL	K*YAL	K*YNCH	K*XNR	TOPWID	SSTA	ENDST	.01K
1200.000	123.93	0.	0.	120.00	50.00	120.00	2218.77	134.85	2353.62	10393.80
1260.000	124.93	1.00	0.	120.00	50.00	120.00	1521.47	392.37	1913.83	10381.04
8350.000	124.00	0.	3509.48	120.00	50.00	120.00	3009.91	620.04	3669.95	13723.23
8350.000	125.00	1.00	3136.53	120.00	50.00	120.00	2138.11	985.00	3123.11	13048.02
8550.000	124.00	0.	3620.96	50.00	50.00	100.00	1592.88	574.54	2167.42	3976.43
8550.000	125.00	1.00	3199.01	50.00	50.00	100.00	788.57	911.35	1719.88	3975.61
9500.000	124.14	0.	3808.95	100.00	50.00	100.00	1851.08	431.80	2282.87	3944.73
9600.000	125.14	1.00	3355.33	100.00	50.00	100.00	1062.30	797.89	1860.28	3945.41
10000.000	124.70	0.	3689.86	100.00	50.00	100.00	1958.50	576.41	2335.00	4718.60
10000.000	125.70	1.00	3422.48	100.00	50.00	100.00	1123.70	777.02	1900.76	4721.39
10300.000	124.72	0.	3951.20	100.00	50.00	100.00	2625.70	1124.30	3750.00	3510.51
10300.000	125.72	1.00	3471.88	100.00	50.00	100.00	1032.30	1539.72	2572.11	3504.56
11100.000	124.79	0.	4085.21	100.00	50.00	100.00	1507.70	1207.81	2715.55	2594.80
11100.000	125.79	1.00	3577.32	100.00	50.00	100.00	815.30	1484.48	2299.82	2592.13
12300.000	124.85	0.	4240.50	100.00	50.00	100.00	1108.67	1119.70	2226.42	2406.32
12300.000	125.85	1.00	3704.70	100.00	50.00	100.00	619.48	1294.88	1914.36	2406.59

SUMMARY OF ERRORS

FIVE MILE BRANCH

FLOODWAY

175,000 122,000 2065,000 126,700 2300,000
0. 0.

FIA

SNUMR = 34001, ACTIVITY # = 01, REPORT CODE = 52, RECORD COUNT = 000117

T1 LUMBERTON NC FIVE MILE BRANCH
T2 FLOOD INSURANCE STUDY
T3 100-YEAR FIVE MILE BRANCH
SIRT WSEL = Lumber River 10-yr.

J1	ICHECK	INC	MINV	IPIN	STRT	METRIC	HVINS	Q	WSEL	FC
	0.	0.	0.	0.	0.	0.	0.	0.	118,600	0.
J2	NPROF	IPLDT	PREVS	XSECV	XSECH	FN	ALLOD	TBW	CHNIV	ITRACE
	1,000	0.	-1,000	5,000	500,000	0.	0.	0.	0.	0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38,000	1,000	50,000	42,000	33,000	58,000	39,000	0.	38,000	1,000
	50,000	51,000	40,000	41,000	25,000	0.	38,000	1,000	43,000	13,000
	55,000	14,000	26,000	15,000	56,000	8,000	0.	38,000	1,000	59,000
	7,000	16,000	17,000	16,000	4,000	53,000	54,000	34,000	0.	0.
J5	LPANI	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10,000	0.	0.	0.	0.	0.	0.	0.	0.	0.
NC	0,120	0,120	0,050	0,100	0,300	0.	0.	0.	0.	0.
GT	5,000	1435,000	2800,000	3700,000	6400,000	3700,000	0.	0.	0.	0.
BT	0.	0.	0.	0.	0.	10,400	0.	0.	0.	0.
AI	1260,000	27,000	480,000	570,000	0.	0.	0.	0.	0.	0.
GR	131,400	0.	114,000	305,000	114,200	470,000	113,500	450,000	113,500	480,000
GP	111,500	0.000	108,700	500,000	111,700	515,000	116,400	530,000	112,500	539,000
GR	112,100	550,000	111,400	600,000	114,000	1350,000	120,000	1475,000	120,500	1500,000
GR	120,000	1435,000	118,000	1555,000	116,000	1700,000	116,000	1790,000	118,000	2030,000
GR	120,000	2220,000	130,000	2550,000	0.	0.	0.	0.	0.	0.
AI	5550,000	21,000	985,000	1010,000	7090,000	7090,000	7090,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	122,500	122,500	0.
GR	130,000	0.	128,000	75,000	128,000	400,000	126,000	535,000	124,000	620,000
GR	122,000	650,000	120,000	735,000	116,000	755,000	116,700	900,000	118,500	985,000
GR	113,400	987,000	111,300	1000,000	113,700	1011,000	120,000	1019,000	117,300	1100,000
GR	116,000	1230,000	114,000	1475,000	114,000	3025,000	120,000	3500,000	128,000	3750,000
GR	130,000	3590,000	0.	0.	0.	0.	0.	0.	0.	0.
SR	0,950	1,500	3,100	0.	32,000	1,000	288,000	0,500	0.	0.
NC	0,050	0,100	0,050	0.	0.	0.	0.	0.	0.	0.
AI	5550,000	20,000	980,000	1021,000	190,000	190,000	190,000	0.	0.	0.
X2	0.	0.	1,000	119,700	122,200	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	122,500	122,500	0.
BT	4,000	130,000	134,000	0.	240,000	134,200	0.	965,000	122,200	0.
BT	980,000	122,200	119,700	1021,000	122,200	119,700	1050,000	121,700	0.	1670,000
BT	119,600	0.	2300,000	118,900	0.	0.	0.	0.	0.	0.
GR	132,700	0.	126,000	240,000	126,000	455,000	122,000	700,000	120,000	730,000
	120,000	765,000	173,500	850,000	122,000	890,000	122,000	950,000	121,200	965,000
	118,100	980,000	114,300	986,000	112,300	1000,000	114,500	1014,000	120,300	1021,000

GR	118,100	1050,000	116,000	1670,000	120,000	1775,000	122,000	2065,000	126,700	2300,000
NC	0,100	0,100	0,050	0.	0.	0.	0.	0.	0.	0.

X1	9600,000	20,000	1000,000	1100,000	1050,000	1050,000	1050,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	0.	0.	0.
GR	130,000	0.	128,000	125,000	126,000	250,000	124,000	445,000	120,000	670,000
GR	116,000	730,000	117,700	1000,000	117,700	1042,000	112,000	1044,000	111,700	1050,000
GR	114,500	1056,000	118,500	1059,000	117,900	1100,000	118,000	1240,000	119,500	1450,000
GR	120,000	1800,000	120,000	2030,000	122,000	2210,000	124,000	2240,000	124,300	2335,000
SB	1,250	1,500	3,000	1400,000	50,000	6,000	352,000	0.	0.	0.

X1	10000,000	0.	0.	0.	400,000	400,000	400,000	0.	0.	0.
X2	0.	0.	1,000	121,200	124,100	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	124,600	124,600	0.

X1	10300,000	20,000	1743,000	1758,000	300,000	300,000	300,000	0.	0.	0.
GR	132,700	0.	132,000	100,000	130,000	195,000	128,000	520,000	126,000	955,000
GR	124,000	1220,000	122,000	1307,000	120,000	1355,000	118,000	1700,000	117,900	1743,000
GR	116,000	1745,000	116,100	1750,000	116,000	1755,000	117,900	1758,000	116,900	1800,000
GR	120,000	2270,000	122,000	2420,000	123,800	2800,000	123,000	3350,000	123,400	3750,000
QT	5,000	660,000	1340,000	1760,000	3150,000	1760,000	0.	0.	0.	0.

X1	11100,000	13,000	1743,000	1758,000	800,000	800,000	800,000	0.	0.	0.
GR	128,000	1110,000	122,000	1293,000	120,000	1425,000	117,900	1743,000	116,000	1745,000
GR	116,000	1755,000	117,900	1758,000	120,000	2050,000	122,000	2100,000	122,000	2190,000
GR	122,200	2470,000	125,900	2735,000	126,100	2930,000	0.	0.	0.	0.

X1	12300,000	18,000	1743,000	1758,000	1200,000	1200,000	1200,000	0.	0.	0.
GR	130,000	590,000	128,000	900,000	125,000	935,000	125,000	1090,000	127,000	1100,000
GR	127,000	1112,000	122,000	1130,000	120,000	1245,000	119,400	1440,000	117,900	1743,000
GR	116,000	1745,000	116,000	1755,000	117,900	1758,000	120,000	1910,000	122,000	2085,000
GR	120,000	2135,000	126,000	2355,000	128,000	2490,000	0.	0.	0.	0.
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

11 LUMBERION NC FIVE MILE BRANCH
 12 FLOOD INSURANCE STUDY
 13 FLOODWAY FIVE MILE BRANCH

J1	ICHECK	INC	NTV	IDIP	STRT	METRIC	WVINS	D	WSEL	FR
	0.	0.	0.	0.	0.	0.	0.	0.	124,930	0.
J2	WPEDE	IFLOT	PREVS	XSECV	XSECH	FR	ALLOC	TRW	CHN10	ITRACE
	15,000	0.	-1,000	5,000	500,000	0.	0.	0.	0.	0.

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR = 01
 MODIFICATION = 50,51,52

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100-YEAR 0 FIVE MIL
 SUMMARY PRINTOUT

SECNO	CWSEL	DIFWSP	ELMIN	K*CHSL	KRATIO	XLCH
1260.000	118.60	0.	108.70	0.	0.	0.
1260.000	124.93	6.33	108.70	0.	0.	0.
* 8350.000	120.83	0.	111.30	0.37	0.08	7090.00
8350.000	124.54	3.71	111.30	0.37	0.06	7090.00
8550.000	124.41	0.	112.30	5.26	19.08	190.00
8550.000	128.12	3.71	112.30	5.26	17.46	190.00
9600.000	124.40	0.	111.70	-0.57	0.99	1050.00
9600.000	128.15	3.66	111.70	-0.57	1.05	1050.00
10000.000	124.80	0.	111.70	0.	1.10	400.00
10000.000	128.46	3.66	111.70	0.	1.08	400.00
10300.000	124.82	0.	116.00	14.33	0.75	300.00
10300.000	128.47	3.65	116.00	14.33	0.78	300.00
11100.000	124.89	0.	116.00	0.	0.74	800.00
11100.000	128.40	3.60	116.00	0.	0.74	800.00
12300.000	124.90	0.	116.00	0.	0.92	1200.00
12300.000	128.51	3.57	116.00	0.	0.87	1200.00

100-YEAR 0 FIVE #11
SUMMARY PRINTOUT

SECNO	CHSEL	DIFWSP	DIFWSX	ELTRD	ELLC	AREA
1260.000	118.60	0.	0.	0.	0.	7259.00
1260.000	124.93	6.33	0.	0.	0.	9971.62
* 6350.000	120.63	0.	2.23	0.	0.	243.62
6350.000	124.50	3.71	-0.39	0.	0.	369.71
6550.000	124.41	0.	3.58	122.20	119.70	7916.81
6550.000	128.12	3.71	3.58	999999.00	0.	8976.72
9600.000	124.49	0.	0.07	0.	0.	8935.20
9600.000	128.15	3.66	0.03	0.	0.	10359.70
10000.000	124.80	0.	0.32	124.10	121.20	9558.88
10000.000	128.46	3.66	0.32	999999.00	0.	11005.43
10300.000	124.82	0.	0.02	0.	0.	8700.83
10300.000	128.47	3.65	0.01	0.	0.	9630.79
11100.000	124.89	0.	0.06	0.	0.	6248.83
11100.000	128.49	3.60	0.02	0.	0.	7255.68
12300.000	124.94	0.	0.06	0.	0.	5273.12
12300.000	128.51	3.57	0.02	0.	0.	6007.95

100-YEAR 0 FIVE MIL
SUMMARY PRINTOUT

SECD	CHSEL	D	QLOB	VLOR	QCH	VCH	GROR	VROR	DEPTH
1200.000	118.60	3700.00	415.35	0.42	461.21	1.35	2823.40	0.48	9.90
1200.000	124.93	3700.00	0.	0.	488.62	0.70	3211.30	0.34	16.23
6350.000	120.83	3700.00	0.	0.	3700.00	15.19	0.	0.	9.53
6350.000	124.54	3700.00	0.	0.	3700.00	10.01	0.	0.	13.24
6550.000	124.41	3700.00	475.54	0.48	442.91	1.09	2741.56	0.43	12.11
6550.000	128.12	3700.00	306.75	0.52	463.04	0.83	2930.22	0.37	15.82
9600.000	124.40	3700.00	1044.13	0.39	655.73	0.90	2000.10	0.36	12.79
9600.000	128.15	3700.00	741.92	0.33	753.68	0.69	2204.40	0.31	16.45
10000.000	124.60	3700.00	1044.34	0.36	638.92	0.84	2016.70	0.34	13.10
10000.000	128.46	3700.00	740.69	0.32	730.71	0.65	2208.60	0.30	16.76
10300.000	124.82	3700.00	1153.59	0.45	150.59	1.19	2325.82	0.40	8.82
10300.000	128.47	3700.00	762.31	0.38	156.59	0.86	2741.10	0.37	12.47
11100.000	124.69	1760.00	742.75	0.29	99.23	0.77	918.02	0.26	8.89
11100.000	128.49	1760.00	628.01	0.25	101.10	0.55	1030.80	0.23	12.40
12300.000	124.94	1760.00	1133.27	0.33	100.68	0.84	518.05	0.30	8.94
12300.000	128.51	1760.00	1216.89	0.28	116.38	0.64	426.72	0.28	12.51

100-YEAR 0 FIVE MIL
SUMMARY PRINTOUT

SECTNO	CASEL	DIFWSP	VOL	K*XL	K*YCH	K*XNR	TGPWTO	SRTA	ENDST	.01K
1260,000	118,60	0.	0.	120,00	50,00	120,00	1757,60	226,18	2087,00	2852,86
1260,000	124,93	6.33	0.	120,00	50,00	120,00	802,12	480,00	1282,12	7044,00
* 8350,000	120,83	0.	610,58	120,00	50,00	120,00	34,00	985,00	1019,00	232,62
8350,000	120,54	3.71	841,60	120,00	50,00	120,00	34,00	985,00	1019,00	412,26
8550,000	124,41	0.	628,38	50,00	50,00	100,00	1633,26	552,31	2185,57	4438,49
8550,000	128,12	3.71	861,98	50,00	50,00	100,00	244,53	690,25	1734,79	7146,32
9600,000	124,49	0.	831,48	100,00	50,00	100,00	1937,40	397,60	2335,00	4014,08
9600,000	128,15	3.66	1095,03	100,00	50,00	100,00	1100,50	785,18	1885,72	7567,29
10000,000	124,80	0.	918,30	100,00	50,00	100,00	1968,50	366,46	2335,00	4865,26
10000,000	128,48	3.66	1193,13	100,00	50,00	100,00	1133,70	773,40	1907,18	8175,25
10300,000	124,83	0.	979,41	100,00	50,00	100,00	2638,83	1111,18	3750,00	3646,71
10300,000	128,47	3.65	1264,19	100,00	50,00	100,00	1075,01	1536,51	2611,52	6373,21
11100,000	124,80	0.	1117,06	100,00	50,00	100,00	1512,36	1224,88	2717,24	2685,33
11100,000	128,49	3.60	1419,25	100,00	50,00	100,00	829,61	1481,30	2310,92	4725,67
12300,000	126,94	0.	1275,76	100,00	50,00	100,00	1119,17	1119,41	2238,58	2476,85
12300,000	128,51	3.57	1601,95	100,00	50,00	100,00	625,81	1292,17	1917,98	4122,20

SUMMARY OF ERRORS

CAUTION SECTION 8350,000 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECTION 8350,000 PROFILE= 1 PROGRAMMABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECTION 8350,000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE CASEL