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SPECIAL A/C
LARRY CECIL

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PROGRAMMER KEZIAH ACCOUNT INT-A25-PO3076

JOB TURN-AROUND

JOB PARAMETERS

TIME USED INCLUDES

MISC. JOB VALUES

	DATE	TIME	SPECIFIED	USED	NO.	EQUIVALENT		
ENTERED	10/06/77	15:57:53.3	2:00.0	0:12.4		0:01.9	LINES IN	52
EXECUTED	10/06/77	18:25:25.0	PAGES	100	436	0:01.7	LINES OUT	300
RETURNED	10/07/77	12:32:57.3	CARDS	0	436	0:08.7	MEMORY TIME	6190 K-SEC
JOB ENTERED ON	THURSDAY		PLOTS	0		0:00.0	PRIORITY	00
						0:00.0	APPROX. COST	\$2.24

JOB CONSOLE LOG

18.25.22 JOB 117 -- BREAKS -- JCL INTERPRETED, TUCC CPU #2
 18.25.24 JOB 117 -- BREAKS -- BEGINNING EXEC - INIT 5 - CLASS
 18.25.25 JOB 117 +++S=668,T=02,BREAKS 18:25:25 KEZIAH
 18.26.23 JOB 117 END EXECUTION.

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

T1 SPENCER-BEGMAN CO. BASIN E STRM 3-55 LOMAX CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES H-6 JOB NO. 6916
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

SI	YCHECK	ING	MINV	IDIF	STRT	METRIC	HVINS	Q	WSLL	FO
	-10.	3.	0.	0.	0.017000	0.0	0.0	0.	6.5.000	0.0
JE	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

T1 SPENCER-BOWAN CO. BASIN E STRM 3-55 LOMAX CREEK
T2 FLOODPLAIN STUDY AT BOWAN & DAVIDSON COUNTIES M-6 JOB NO. 6916
T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INC	MINV	THIP	STRT	METRIC	HVINS	Q	RSEL	PR	
		-10.	4.	0.	0.	0.017000	0.0	0.0	0.	636.000	0.0
J2	MPROF	IPLOT	PREVS	XSECV	XSECH	FI	ALLDC	IBW	CHNIM	ITRAC	
		3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	

 HPC2 RELEASE DATLO NOV 76 UPDATED FEB 1977
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T1 SPENCER-ROWAN CO. BASIN ET STRM 3-55 LOMAX CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOH NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IAD	NTNV	IDIA	STRT	PETRIC	HVLIS	G	RSEL	FD
	-10.	5.	0.	0.	0.017000	0.0	0.0	0.	657.000	0.0
J2	WPRGF	IPLOT	PREVS	XSECV	XSECH	FN	ALLOD	ISW	CHNIN	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

SECNO	XLCH	EL1ED	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
200.000	200.00	0.0	0.0	206.00	624.50	627.36	0.0	0.0	2004.04	2265.98	86.26	0.0
200.000	200.00	0.0	0.0	391.00	624.50	627.60	0.0	0.0	1991.27	2266.38	142.27	0.23
200.000	200.00	0.0	0.0	492.00	624.50	627.70	0.0	0.0	1982.12	2266.56	168.62	0.10
200.000	200.00	0.0	0.0	743.00	624.50	627.90	0.0	0.0	1963.41	2266.92	226.67	0.21
<i>BRIDGE CORP LIMITS STA 6130</i>												
* 680.000	480.00	0.0	0.0	172.00	635.70	638.60	638.63	8.19	1116.25	1126.52	21.01	0.0
* 680.000	480.00	0.0	0.0	328.00	635.70	640.29	640.29	6.92	1079.04	1143.55	74.27	1.61
* 680.000	480.00	0.0	0.0	415.00	635.70	640.56	640.56	7.40	1077.69	1147.04	92.54	0.27
* 680.000	480.00	0.0	0.0	635.00	635.70	640.99	640.99	8.87	1075.56	1152.52	123.81	0.43
* 1570.000	890.00	0.0	0.0	134.00	666.50	669.39	669.39	7.92	1153.48	1167.19	16.91	0.0
* 1570.000	890.00	0.0	0.0	252.00	666.50	670.51	670.51	9.05	1155.10	1168.63	28.11	1.12
* 1570.000	890.00	0.0	0.0	319.00	666.50	671.56	671.56	7.21	1140.61	1200.69	62.95	1.05
* 1570.000	890.00	0.0	0.0	490.00	666.50	672.11	672.11	8.06	1132.26	1207.21	100.19	0.55

SUMMARY OF ERRORS

CAUTION	SECNO=	680.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	680.000	PROFILE=	1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	680.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	680.000	PROFILE=	2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	680.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	680.000	PROFILE=	3	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	680.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	680.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	680.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1570.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1570.000	PROFILE=	1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1570.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1570.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1570.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1570.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1570.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1570.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1570.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1570.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1570.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOOD INSURANCE ZONE DATA FOR 10 YEAR FLOOD WATER SURF

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10'	20'	0.2'
200.000	0.	-0.4	-0.1	0.2
680.000	980.	-1.0	-0.3	0.4
1570.000	1370.	-2.2	-1.0	0.6
WEIGHTED AVG FOR REACH		-1.7	-0.5	0.4

FHF FOR THE REACH = 015 WITH 65.00 OF THE REACH WITHIN 0.5 FEET
 ZONE FOR THE REACH = A 3

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTD. AVG.	FHF	PERCENT WITHIN
		10'	1'	DIFF.			
1	980.	633.0	639.1	-1.1	-1.1	010	200.000 100.
2	1370.	647.0	648.9	-2.0	-1.5	015	680.000 100.
							SEC. 1570.000

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
 INPUT ZONE WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
 OF EACH REACH BY INC NO. FOR EXAMPLE 202 2 2
 A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

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HEAD RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

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