PROCP					Activa Activa
	AM ACTIV	VATE			Activa
					Activa
VERS.	2000-1	(APRI	L 2000)	*INITIAL VERSION.	Activa
	2002-1	-		*OPTIONAL INPUT PARAMETERS	Activa
VERS.	2004-1	(JAN.	2004)	*CORRECTED ERROR - FIRST RECORD AFTER	Activa
				MF=10 WAS MISSING.	Activa
				*ADDED INCLUDE TO DEFINE COMMON	Activa
				*INCREASED MAX. POINTS FROM 100,000	Activa
				то 1,000,000.	Activa
VERS.	2007-1	(JAN.	2007)	*CHECKED AGAINST ALL ENDF/B-VII	Activa
	2007-2			*72 CHARACTER FILE NAMES.	Activa
	2010-1			*General update based on user feedback	Activa
	2012-1		-	*Added CODENAME	Activa
			-	*Added ERROR stop	Activa
				*32 and 64 bit Compatible	Activa
VERS.	2015-1	(Jan.	2015)	*Corrected ERROR for missing or extra	Activa
		•	•	SEND and MEND lines.	Activa
				*Changed MF=8 pointer from MF=9 to 10.	
				*INCREASED MAX. POINTS to 3,000,000.	Activa
				*Added Consistency checks, e.g.,	Activa
				Any MT in MF=9 requires data in MF=3.	
				*Extended OUT9 - OUT10 is not used.	Activa
				*Only processes ONE ENDF Tape - this	Activa
				restriction is necessary to insure	Activa
				compatibility with ALL PREPRO codes.	Activa
				*Changed to current ENDF sequence	Activa
				number convention, e.g., reset number	
				for each section (MAT/MF/MT).	Activa
				*Replaced ALL 3 way IF statements.	Activa
VERS	2017-1	(Mav	2017)	*Increased MAX. POINTS to 6,000,000.	Activa
vшю.	2017 1	(мау	2011)	*Do not create MF=10 for any MT that	Activa
				already has MF=10 data = copy MF=10	Activa
				data in its original form.	Activa
				*Message for every MF=7 output,	Activa
				whether created or copied from input.	
VEDC	2018-1	(.Tan	2018)	*Updated based on user feedback.	Activa
ч ыю.	2010 1	(baii.	2010)	*Added on-line output for ALL ENDERROR	
VEBS	2019-1	(June	2019)	*Additional Interpolation Law Tesrs	Activa
	2017 1	(oune	2015)	*Checked consistency of Maximum	Activa
				tabulated energy for MF=3 and 9 data	
				to be compbined - print WARNING if	
					Activa
					Activa
				inconsistent.	Activa Activa
	1 odgom	ant 20'	15		Activa Activa Activa
	wledgeme	ent 20:	15		Activa Activa Activa Activa
Acknow				inconsistent.	Activa Activa Activa Activa Activa
Acknow Curres	ntly alr	nost a	 ll improv	inconsistent. ements to this code are based upon	Activa Activa Activa Activa Activa Activa
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1466 Hudson Way Activate Livermore, CA 94550 Activate U.S.A. Activate Telephone 925-443-1911 Activate E. Mail RedCullen1@Comcast.net Activate Website RedCullen1.net/HOMEPAGE.NEW Activate Activate Activate AUTHORS MESSAGE Activate _____ Activate THE REPORT DESCRIBED ABOVE IS THE LATEST PUBLISHED DOCUMENTATION Activate FOR THIS PROGRAM. HOWEVER, THE COMMENTS BELOW SHOULD BE CONSIDERED Activate THE LATEST DOCUMENTATION INCLUDING ALL RECENT IMPROVEMENTS. PLEASE Activate READ ALL OF THESE COMMENTS BEFORE IMPLEMENTATION. Activate Activate AT THE PRESENT TIME WE ARE ATTEMPTING TO DEVELOP A SET OF COMPUTER Activate INDEPENDENT PROGRAMS THAT CAN EASILY BE IMPLEMENTED ON ANY ONE Activate OF A WIDE VARIETY OF COMPUTERS. IN ORDER TO ASSIST IN THIS PROJECT Activate IT WOULD BE APPECIATED IF YOU WOULD NOTIFY THE AUTHOR OF ANY Activate COMPILER DIAGNOSTICS, OPERATING PROBLEMS OR SUGGESTIONS ON HOW TO Activate IMPROVE THIS PROGRAM. HOPEFULLY, IN THIS WAY FUTURE VERSIONS OF Activate THIS PROGRAM WILL BE COMPLETELY COMPATIBLE FOR USE ON YOUR Activate COMPUTER. Activate Activate PURPOSE Activate _____ Activate THIS PROGRAM IS DESIGNED TO CREATE FILE 10 ACTIVATION CROSS Activate SECTIONS BY COMBINING FILE 3 CROSS SECTIONS AND FILE 9 MULTIPLIERS Activate Activate IN THE FOLLOWING DISCUSSION FOR SIMPLICITY THE ENDF TERMINOLOGY Activate --ENDF TAPE---WILL BE USED. IN FACT THE ACTUAL MEDIUM MAY BE Activate TAPE, CARDS, DISK OR ANY OTHER MEDIUM. Activate Activate ASSUMPTIONS Activate Activate IT IS ASSUMED THAT THE FILE 3 AND 9 DATA HAVE BEEN LINEARIZED Activate BEFORE THIS CODE IS USED - FILE 3 AND 9 DATA CAN BE LINEARIZED Activate USING PROGRAM LINEAR. Activate Activate IT IS ASSUMED THAT THE FILE 9 MULTIPLIERS ARE FAIRLY SMOOTH VERSUS Activate ENERGY, AND THAT THE ACTIVATION CROSS SECTIONS FOR FILE 10 CAN BE Activate DEFINED AT EXACTLY THE SAME ENERGIES AS THE FILE 3 CROSS SECTIONS, Activate AND THAT THESE NEED MERELY BE MULTIPLIED BY THE FILE 9 TO DEFINE Activate THE FILE 10 ACTIVATION CROSS SECTIONS. Activate Activate ENDF FORMAT Activate _____ Activate THIS PROGRAM ONLY USES THE ENDF BCD OR CARD IMAGE FORMAT (AS Activate OPPOSED TO THE BINARY FORMAT) AND CAN HANDLE DATA IN ANY VERSION Activate OF THE ENDF FORMAT (I.E., ENDF-1, 2, 3, 4, 5 OR 6 FORMAT). Activate Activate IT IS ASSUMED THAT THE DATA IS CORRECTLY CODED IN THE ENDF Activate FORMAT AND NO ERROR CHECKING IS PERFORMED. IN PARTICULAR IT IS Activate ASSUMED THAT THE MAT, MF AND MT ON EACH LINE IS CORRECT. SEQUENCE Activate NUMBERS (COLUMNS 76-80) ARE IGNORED ON INPUT, BUT WILL BE Activate CORRECTLY OUTPUT ON ALL LINES. THE FORMAT OF SECTION MF=1, MT=451 Activate AND ALL SECTIONS OF MF=3 MUST BE CORRECT. THE PROGRAM COPIES ALL Activate OTHER SECTION OF DATA AS HOLLERITH AND AS SUCH IS INSENSITIVE TO Activate THE CORRECTNESS OR INCORRECTNESS OF ALL OTHER SECTIONS. Activate Activate OUTPUT FORMAT Activate Activate -----ALL ENERGIES WILL BE OUTPUT IN F (INSTEAD OF E) FORMAT IN ORDER Activate TO ALLOW ENERGIES TO BE WRITTEN WITH UP TO 9 DIGITS OF ACCURACY. Activate COMPARISON OF THE NORMAL ENDF CONVENTION OF 6 DIGITS TO THE 9 Activate DIGIT OUTPUT FROM THIS PROGRAM DEMONSTRATED THAT FAILURE TO USE Activate THE 9 DIGIT OUTPUT CAN LEAD TO LARGE ERRORS IN THE DATA DUE TO Activate TRUNCATION OF ENERGIES TO 6 DIGITS DURING OUTPUT. Activate Activate CONTENTS OF OUTPUT Activate Activate ------

ENTIRE EVALUATIONS ARE OUTPUT, NOT JUST THE PROCESSED DATA, E.G.,	Activate
ANGULAR AND ENERGY DISTRIBUTIONS ARE ALSO INCLUDED.	Activate Activate
DOCUMENTATION	Activate
THE FACT THAT THIS PROGRAM HAS OPERATED ON THE DATA IS DOCUMENTED	Activate Activate
BY THE ADDITION OF 3 COMMENT LINES AT THE END OF EACH HOLLERITH	Activate
SECTION IN THE FORM	Activate
******************* PROGRAM ACTIVATE (2019-1) ***********************************	Activate Activate
FILE 10 ACTIVATION CROSS SECTIONS HAVE BEEN DEFINED BY COMBINING	Activate
FILE 3 CROSS SECTIONS AND FILE 9 MULTIPLIERS. FILE 9 DELETED.	Activate
THE ORDER OF SIMILAR COMMENTS (FROM RECENT, SIGMA1 AND GROUPIE)	Activate Activate
REPRESENTS A COMPLETE HISTORY OF ALL OPERATIONS PERFORMED ON	Activate
THE DATA BY THESE PROGRAMS.	Activate
MURCE COMMENT ITHES ADD ONLY ADDED TO EVICATING NOTIFOTAL OF CATONS	Activate
THESE COMMENT LINES ARE ONLY ADDED TO EXISTING HOLLERITH SECTIONS, I.E., THIS PROGRAM WILL NOT CREATE A HOLLERITH SECTION. THE FORMAT	
OF THE HOLLERITH SECTION IN ENDF-5 DIFFERS FROM THE THAT OF	Activate
EARLIER VERSIONS OF ENDF. BY READING AN EXISTING MF=1, MT=451	Activate
IT IS POSSIBLE FOR THIS PROGRAM TO DETERMINE WHICH VERSION OF THE ENDF FORMAT THE DATA IS IN. WITHOUT HAVING A SECTION OF	Activate Activate
MF=1, MT=451 PRESENT IT IS IMPOSSIBLE FOR THIS PROGRAM TO	Activate
DETERMINE WHICH VERSION OF THE ENDF FORMAT THE DATA IS IN, AND	Activate
AS SUCH IT IS IMPOSSIBLE FOR THE PROGRAM TO DETERMINE WHAT FORMAT SHOULD BE USED TO CREATE A HOLLERITH SECTION.	Activate Activate
bioted be obld to cheate a nonekrin diction.	Activate
REACTION INDEX	Activate
THIS PROGRAM DOES NOT USE THE REACTION INDEX WHICH IS GIVEN IN	Activate Activate
SECTION MF=1, MT=451 OF EACH EVALUATION.	Activate
	Activate
THIS PROGRAM DOES NOT UPDATE THE REACTION INDEX IN MF=1, MT=451.	Activate
THIS CONVENTION HAS BEEN ADOPTED BECAUSE MOST USERS DO NOT REQUIRE A CORRECT REACTION INDEX FOR THEIR APPLICATIONS AND IT WAS	Activate Activate
NOT CONSIDERED WORTHWHILE TO INCLUDE THE OVERHEAD OF CONSTRUCTING	Activate
A CORRECT REACTION INDEX IN THIS PROGRAM. HOWEVER, IF YOU REQUIRE	Activate
A REACTION INDEX FOR YOUR APPLICATIONS, AFTER RUNNING THIS PROGRAM YOU MAY USE PROGRAM DICTIN TO CREATE A CORRECT REACTION INDEX.	Activate Activate
	Activate
SECTION SIZE	Activate
SECTIONS OF MF=9 MULTIPLIERS ARE LIMITED TO A MAXIMUM OF 3,000,000	Activate
ENERGY POINTS.	Activate
	Activate
THERE IS NO LIMIT ON THE NUMBER OF ENERGY POINTS IN MF=3 AND 10 TABLES = THIS DATA IS READ AS CHARACTERS, ONE LINE AT A TIME.	Activate Activate
TABLED - THIS BATA TO NEW AS CHARACTERS, ONE BINE AT A TIME.	Activate
SELECTION OF DATA	Activate
THE PROGRAM PROCESSES ALL ENDF DATA ON ONE ENDF TAPE.	Activate Activate
THE FROMMENT FROCEDOED ALL EAST DATA ON ONE EAST TALL.	Activate
2015 - IT NOW ONLY DOES ONE ENDF TAPE.	Activate
PROGRAM OPERATION	Activate Activate
	Activate
PASS #1	Activate
	Activate
THE ENTIRE MAT IS COPIED TO A SCRATCH FILE IN THE ENDF ASCII FORMAT AND WHILE COPYING IT TO SCRATCH MF=3, 9, AND 10 ARE ALSO	Activate Activate
COPIED TO SEPERATE SCRATCH FILES, I.E., THERE ARE A TOTAL OF 4	Activate
SCRATCH FILES - SEE THEIR DEFINITIONS BELOW.	Activate
PASS #2	Activate Activate
	Activate
IF NO MF=9 MULTIPLIERS ARE FOUND DURING PASS #1, THE ENTIRE MAT	Activate
IS COPIED FROM SCRATCH TO THE OUTPUT FILE, WITHOUT ANY CHECKS.	Activate Activate
IF MF=9 MULTIPLIERS ARE FOUND THEY ARE USED WITH MF=3 CROSS	Activate
SECTIONS TO CREATE MF=10 ACTIVATION CROSS SECTIONS.	Activate

			Acti	
		ION OF MF=10 DATA FOR WHICH NO MF=9 MULTIPLIERS ARE RIGINAL MF=10 IS OUTPUT.	Acti	
		Acti		
FOR C	FOR CONSISTENCY ALL MF=9 MULTIPLIERS ARE DELETED, I.E., THEY ARE			
	NOT INCLUDED IN THE OUTPUT.		Acti	
			Acti	
KEEP	EVALUAT	ED DATA POINTS	Acti	
			Acti	
THE F	ILE 10	OUTPUT WILL BE AT EXACTLY THE SAME ENERGY POINTS AS	Acti	
		ROSS SECTIONS USED TO DEFINE THE FILE 10 ACTIVATION	Acti	
	SECTIO		Acti	
01:000	020110		Acti	
TNPUT	FILES		Acti	
			Acti	
UNIT	DESCRI	PTION	Acti	
			Acti	
2	INPUT	LINES (BCD - 80 CHARACTERS/RECORD)	Acti	
		AL ENDF DATA (BCD - 80 CHARACTERS/RECORD)	Acti	
			Acti	
OUTPU	T FILES		Acti	
UNIT	DESCRI	PTION	Acti Acti	
			Acti	
З	OUTPUT	REPORT (BCD - 120 CHARACTERS/RECORD)	Acti	
		ENDF DATA (BCD - 80 CHARACTERS/RECORD)	Acti	
		,	Acti	
SCRAT	CH FILE	S	Acti	
			Acti	
UNTT	DESCRI	PTTON	Acti	
			Acti	
12	SCRATC	H FILE FOR ALL MAT (BCD - 80 CHARACTERS/RECORD)	Acti	
		H FILE FOR MF=3 DATA (BCD - 80 CHARACTERS/RECORD)	Acti	
15	SCRATC	H FILE FOR MF=9 DATA (BCD - 80 CHARACTERS/RECORD)		
		H FILE FOR MF=9 DATA (BCD - 80 CHARACTERS/RECORD) H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD)	Acti	
		H FILE FOR MF=9 DATA (BCD - 80 CHARACTERS/RECORD) H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD)	Acti Acti	
16	SCRATC	H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD)	Acti Acti Acti	
16 OPTIO	SCRATC		Acti Acti Acti Acti	
16 OPTIO	SCRATC	H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO)	Acti Acti Acti Acti Acti Acti	
16 OPTIO UNIT	SCRATC NAL STA	H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO)	Acti Acti Acti Acti Acti Acti	
16 OPTIO UNIT 	SCRATC NAL STA FILE N	H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) 	Acti Acti Acti Acti Acti	
16 OPTIO UNIT 2	SCRATC NAL STA FILE N 	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) HAME HAME HATCHINE	Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO UNIT 2 3	SCRATC NAL STA FILE N ACTIVA	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD)	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO UNIT 2 3 10	SCRATC NAL STA FILE N ACTIVA ACTIVA	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) IAME TE.INP ITE.LST IN	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO UNIT 2 3 10 11	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB.	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) HAME TE.INP TE.LST IN OUT	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. ENDFB.	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) NAME TE.INP TE.LST IN OUT CCH)	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. ENDFB. (SCRAT	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) TAME TE.INP TE.INP TE.LST IN OUT CCH) CCH)	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) TAME TE.INP TE.INP TE.LST IN OUT CCH) CCH)	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14 15	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) TAME TE.LINP TE.LST IN OUT CCH) CCH)	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14 15 INPUT	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) TAME TE.INP TTE.INP TTE.LST IN OUT CCH) TCH) TTERS	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14 15 INPUT	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT PARAME	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) TAME TE.INP TTE.INP TTE.LST IN OUT CCH) TCH) TTERS	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14 15 INPUT	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT PARAME	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) TAME TE.INP TTE.INP TTE.LST IN OUT CCH) TCH) TTERS	Acti Acti Acti Acti Acti Acti Acti Acti	
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16 OPTIO 2 3 10 11 12 14 15 INPUT LINE 1	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT PARAME COLS. 1-72	<pre>H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) HAME HAME HAME HAME HAME HAME HAME HAME</pre>	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14 15 INPUT LINE 1	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT PARAME COLS. 1-72	<pre>H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) HAME HAME HAME HAME HAME HAME HAME HAME</pre>	Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14 15 INPUT LINE 1	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT PARAME COLS. 1-72	<pre>H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) HAME HITELST IN OUT CCH) CCH) CCH) CCH) CCH) CTERS HITERS H</pre>	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14 15 INPUT LINE 1 2	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT COLS. 1-72 1-72	<pre>H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) HAME HAME HAME HAME HAME HAME HAME HAME</pre>	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14 15 INPUT LINE 1 2	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT COLS. 1-72 1-72	<pre>H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) HAME HITELST IN OUT CCH) CCH) CCH) CCH) CCH) CTERS HITERS H</pre>	Acti Acti Acti Acti Acti Acti Acti Acti	
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16 OPTIO UNIT 2 3 10 11 12 14 15 INPUT LINE 2 ONE P. 2015 EXAMP. 	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT (SCRAT PARAME COLS. 1-72 1-72 AIR OF - NOW O LE INPU	<pre>H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) HAME HITE.LST IN OUT CCH) CCH) CCH) CCH) CCH) CCH TERS HITES HITES HITES HITES HITES HAY BE USED, TO PROCESS ANY ENDF TAPE. HIT NO. 1 HITEN 1 HITES HAY BE USED, TO PROCESS ANY ENDF TAPE.</pre>	Acti Acti Acti Acti Acti Acti Acti Acti	
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16 OPTIO: 2 3 10 11 12 14 15 INPUT LINE 2 ONE P. 2015 EXAMP PROCE	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT (SCRAT PARAME COLS. 1-72 1-72 AIR OF - NOW O LE INPU	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) THE.IST THE.INP TTE.INP TTE.LST IN OUT CCH) CCH) CCH) CCH) CCH) CCH) TTERS ENDF INPUT DATA FILENAME (STANDARD OPTION = ENDFB.IN) ENDF OUTPUT DATA FILENAME (STANDARD OPTION = ENDFB.OUT) INPUT LINES MAY BE USED, TO PROCESS ANY ENDF TAPE. NLY DOES ONE ENDF TAPE. T NO. 1 TAPE NAMED ACTIVATE.IN AND NAME THE OUTPUT FILE	Acti Acti Acti Acti Acti Acti Acti Acti	
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16 OPTIO 2 3 10 11 12 14 15 INPUT 1 2 ONE P. 2015 EXAMP. PROCE	SCRATC NAL STA FILE N ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT (SCRAT COLS. 1-72 1-72 1-72 AIR OF NOW O LE INPU SS ENDF	TH FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) THE.IST THE.INP TTE.INP TTE.LST IN OUT CCH) CCH) CCH) CCH) CCH) CCH) TTERS ENDF INPUT DATA FILENAME (STANDARD OPTION = ENDFB.IN) ENDF OUTPUT DATA FILENAME (STANDARD OPTION = ENDFB.OUT) INPUT LINES MAY BE USED, TO PROCESS ANY ENDF TAPE. NLY DOES ONE ENDF TAPE. T NO. 1 TAPE NAMED ACTIVATE.IN AND NAME THE OUTPUT FILE	Acti Acti Acti Acti Acti Acti Acti Acti	
16 OPTIO 2 3 10 11 12 14 15 INPUT 1 2 ONE P. 2015 EXAMP. PROCE	SCRATC NAL STA FILE N ACTIVA ACTIVA ENDFB. (SCRAT (SCRAT (SCRAT (SCRAT COLS. 1-72 1-72 1-72 AIR OF - NOW O LE INPU SS ENDF ATE.OUT IS CASE	<pre>H FILE FOR MF=10 DATA (BCD - 80 CHARACTERS/RECORD) NDARD FILE NAMES (SEE SUBROUTINE FILEIO) AME AME AME AME AME AME AME AME AME AME</pre>	Acti Acti Acti Acti Acti Acti Acti Acti	

	Activate			
EXAMPLE INPUT NO. 2	Activate			
	Activate			
SAME AS THE ABOVE CASE, EXCEPT THAT IN THIS CASE THE ORIGINAL	Activate			
TAPE IS IN A DIRECTORY NAMED \ENDFB6\ORIGINAL, AND THE	Activate			
RESULTS WILL BE WRITTEN INTO A DIRECTORY NAMED \ENDFB6\ACTIVATE.	Activate			
	Activate			
IN THIS CASE THE FOLLOWING 6 INPUT LINES ARE REQUIRED	Activate			
	Activate			
\ENDFB6\ORIGINAL\ACTIVATE.IN				
\ENDFB6\ACTIVATE\ACTIVATE.OUT				
	Activate			
EXAMPLE INPUT NO. 3	Activate			
	Activate			
IF THERE IS NO ACTIVATE.INP FILE, OR THE FILENAMES ARE BLANK	Activate			
THIS CODE WILL USE THE DEFAULT NAMES,	Activate			
	Activate			
ENDFB.IN				
ENDFB.OUT	Activate			
	Activate			
	= Activate			

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