APPENDIX C: GRAMMATICAL STRUCTURE OF CUTTINGS_S'S INPUT FILES NOS. 1 & 2

The grammatical structure of CUTTINGS_S's input control files (file numbers 1 and 2) follows the four rules stated below. In Section 6.2, these files are associated with the logical symbols: CUSP_INPT$TXT0 $, and CUSP_INPT$TXT0TXT1 .

(1) Text files consist of keywords followed by (i) a real number, (ii) an integer, or (iii) a character variable. There is no required order for keywords.

(2) Text following an exclamation point (!) is treated as a comment. That is, it is printed out with the file and normally provides the user with useful explanatory information regarding the file, but it is ignored by the code when the file is read.

(3) Arrays can span more than one line of an input file. Arrays of numbers are terminated by any non-numeric character. Character arrays are terminated by any non-numeric, non-alphabetical character. These include the symbols: <>?:[]-+&%$#@!.

(4) If input is specified as a character data field, numerical values will be extracted from the upstream (MATSET or POSTLHS) input CDB file. The character data field must have a colon, (:), separating the CAMDAT material name on the left from the CAMDAT property name on the right. No intervening blanks are permitted. Material and property names are restricted to a maximum of 8 characters.

END OF APPENDIX C