File created:	23-Jul-85 12:55:55 **{DSK}<LISPFILES>TESTER>SOURCES>TEST-ARITHMETIC-UTILS.;3**
changes to:	(VARS TEST-ARITHMETIC-UTILSCOMS TEST.BIGNUM-SPECIAL-NUMBERS) (FNS TEST.GENERAL-IPLUS-SUCCESS-PREDICATE)
previous date:	11-Jul-85 11:05:16 {DSK}<LISPFILES>TESTER>TEST-ARITHMETIC-UTILS.;1
Read Table:	OLD-INTERLISP-FILE
Package:	INTERLISP
Format:	XCCS

```
(RPAQQ TEST-ARITHMETIC-UTILSCOMS ((FNS TEST.GENERAL-IPLUS-SUCCESS-PREDICATE TEST.NON-NUMERIC-ERROR)
                                  (VARS TEST.BIGNUM-SPECIAL-NUMBERS)))

(DEFINEQ
```

(**TEST.GENERAL-IPLUS-SUCCESS-PREDICATE**
```
  [LAMBDA (RESULT ARGUMENTS)                              (* sm "18-Jul-85 18:29")
    (if (TEST.ERRORP RESULT)
        then (QUOTE FAILURE)
      else (for ARGUMENT in ARGUMENTS do (SETQ RESULT (IDIFFERENCE RESULT ARGUMENT)))
           (if (ZEROP RESULT)
               then (QUOTE SUCCESS)
             else (QUOTE FAILURE])
```

(**TEST.NON-NUMERIC-ERROR**
```
  [LAMBDA (RES ARGS)                                      (* sm " 3-Jul-85 10:49")
    (if (AND (TEST.ERRORP RES)
             (EQP (CADR RES)
                  10))
        then (QUOTE SUCCESS)
      else (QUOTE FAILURE])
)
```

```
(RPAQQ TEST.BIGNUM-SPECIAL-NUMBERS
       (0 1 -1 16382 -16382 16383 -16383 16384 -16384 32766 -32766 32767 -32767 32768 -32768 65534 -65534 65536
        -65536 16777214 -16777214 16777215 -16777215 16777216 -16777216 134217726 -134217726 134217727
        -134217727 134217728 -134217728))
```

FUNCTION INDEX

VARIABLE INDEX