SCALAR-SCALAR   CP 7   CP 8   CP 9   CP 10   CP 11   CP 12   CP 13

SCALAR-VECTOR OR   CP 8   CP 9   CP 10   CP 11   CP 12   CP 13   CP 14
VECTOR-VECTOR

IN THE CASE OF AN INTEGER TO FLOATING-POINT CONVERSION,
THE j OPERAND HAS BEEN LOADED WITH THE CONSTANT VALUE;
040060 000000 000000 000000 OCTAL, IN PARCEL FORMAT

EXPONENT DIFFERENCE
CARRY OUT OF 214
j=SMALLER EXPONENT

SELECT
j OPERAND
EXPONENT

GAP

TFA

Force
J to be
Larger

QGH

INTEGER TO FLOATING
POINT CONVERSION
123,175 INSTRUCTION

j OPERAND
Sj,Vj
BITS 48-63

ADA ··· ADO ADP

DELAY
FLA ··· FLO FLP

DELAY
KJA ··· KJO KJP

k OPERAND
Sk,Vk
BITS 48-63

AHA ··· AHO AHP

DELAY
FPA ··· FPO FPP

DELAY
KKA ··· KKO KKP

j

k

EXPONENT
SELECT
RAA ··· RAO RAP

DELAY
RBA ··· RBO RBP

DELAY
RCA ··· RCO RCP

DELAY
OGA ··· OGO OGP

(16)
FC

RESULTANT EXPONENT
AND COEFFICIENT SIGN

B-2213

FA MODULE RESULTANT EXPONENT AND COEFFICIENT SIGN TO FC

15