

PROGRAM ALTERNATIVESALTERNATIVESCONSEQUENCES

U.S.A.
72-0025
U.S.S.R.

NO CO-ORDINATED FUSION
PROGRAM

- NO INCREASE IN RESOURCES NEEDED IN SHORT TERM.
- FUSION POWER SYSTEMS BOUGHT OFF-SHORE.
- DEPENDENCE ON FOREIGN TECHNOLOGY.
- LITTLE, OR NO, IMPACT ON HIGH-TECHNOLOGY CANADIAN INDUSTRY.
- DOES NOT DEVELOP CANADIAN EXPERTISE.

EUROPEAN COMMUNITY
FRANCE, GERMANY, ITALY,
BELGIUM, DENMARK, U.K. (SWITZERLAND)

JAPAN
0200-0105

INTERNATIONAL COLLABORATION
AND INDUSTRIAL PREPAREDNESS

- COSTS \$10-20 MILLION P.A.
- MINIMUM PROGRAM TO ASSURE ACCESS TO WORLD TECHNOLOGY.
- DEVELOPS CAPABILITY IN CANADIAN INDUSTRY.
- ASSURES SCIENTIFIC AND TECHNOLOGICAL EXPERTISE AVAILABLE IN CANADA.

CANADA

NO CO-ORDINATED FUSION
LESS THAN \$2 MILLION P.A.
RELATED SCIENCE AND TECHNOLOGY

FUSION POWER SYSTEM

- COSTS ABOUT \$100 MILLION P.A.
- DEVELOPS UNIQUE CANADIAN FUSION POWER SYSTEM.
- ONLY USA, USSR AND EUROPEAN COMMUNITY CAN AFFORD FULL PROGRAM.