RISK RANKING OF NWS PU-239 FOR UNDECLARED FACILITIES Sorted Synthesis of Leaf Nodes with respect to

OVERALL INCONSISTENCY INDEX = 0.09

STOCKPIL 0.327 DUALUSER 0.202 PUREPFAC 0.123

POWREACT 0.066

PRDPREAC 0.053

0.019

U MILL 0.019

U MINE

RESTESTR 0.103

REPWGMAT 0.057

U CONV 0.019

IRRFUEL 0.011

1.000

DUALUSER --- DUAL USE REACTOR

IRRFUEL --- SMUGGLED IRRADIATED FUEL

POWREACT --- CIVILIAN POWER REACTORS

PRDPREAC --- MILITARY PRODUCTION REACTORS

PUREPFAC --- PLUTONIUM REPROCESSING/CONVERVERSION/FUEL FABRICATION FACILITY

REPWGMAT --- REPROCESSED WEAPON GRADE MATERIAL SMUGGLED SOURCE

RESTESTR --- RESEARCH/TEST REACTORS STOCKPIL --- PLUTONIUM STOCKPILES

U CONV --- NATURAL URANIUM CONVERSION

U MILL --- URANIUM MILL

U MINE --- URANIUM MINE

Figure 3.2.2a Risk Ranking (Pu-239 Diversion) for Undeclared Facilities of a NWS