

DRAFT

EVENT TREES DEPICTING RELEASE
OF RADIONUCLIDES FROM HIGH-LEVEL
RADIOACTIVE WASTE PACKAGES

APPENDIX A. EVENT TREES

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Office of Nuclear Material Safety and Safeguards
U.S. NUCLEAR REGULATORY COMMISSION
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PDR WASTE
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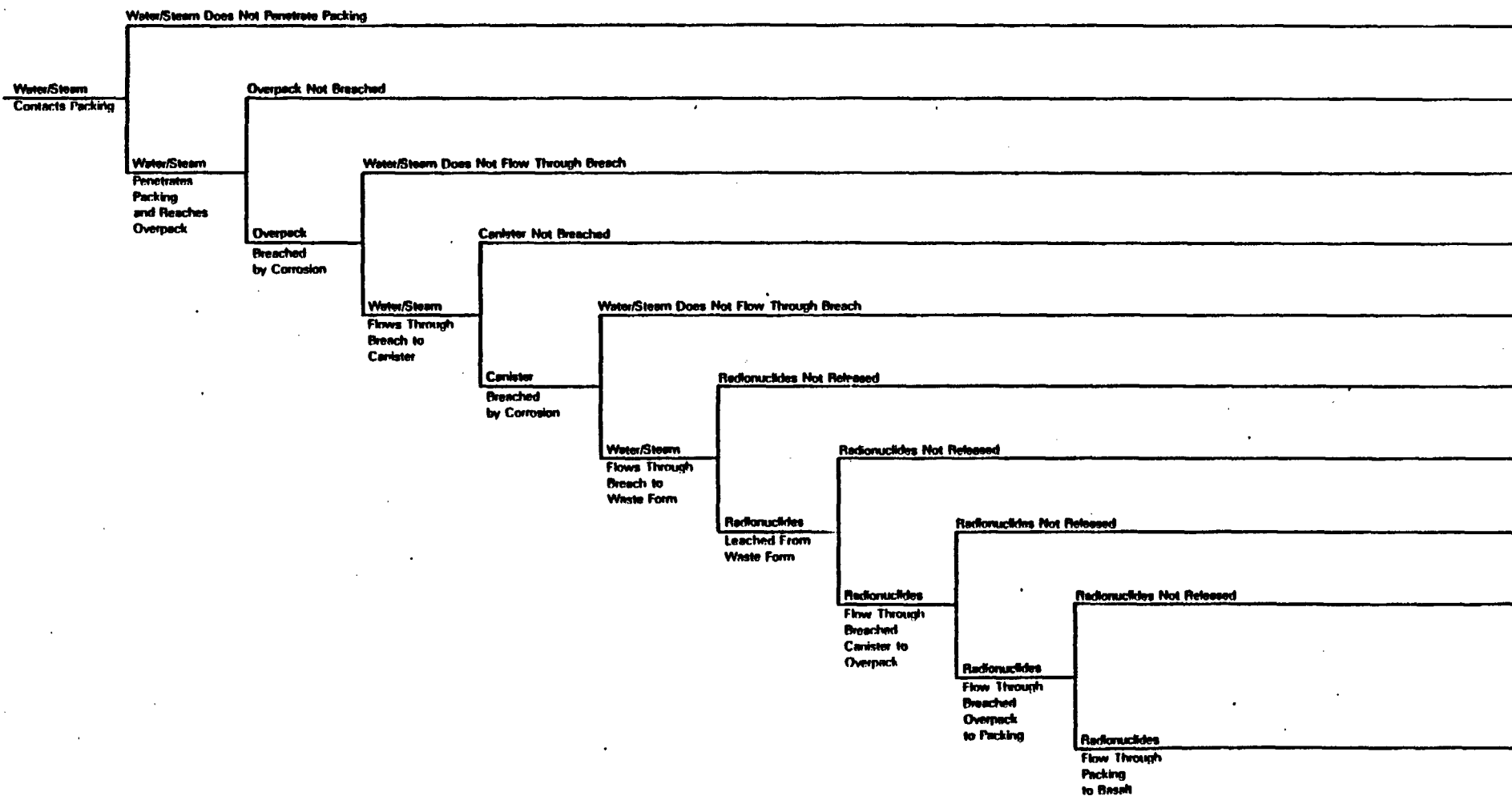


Figure A-1. CHLW Package Failure Corrosion

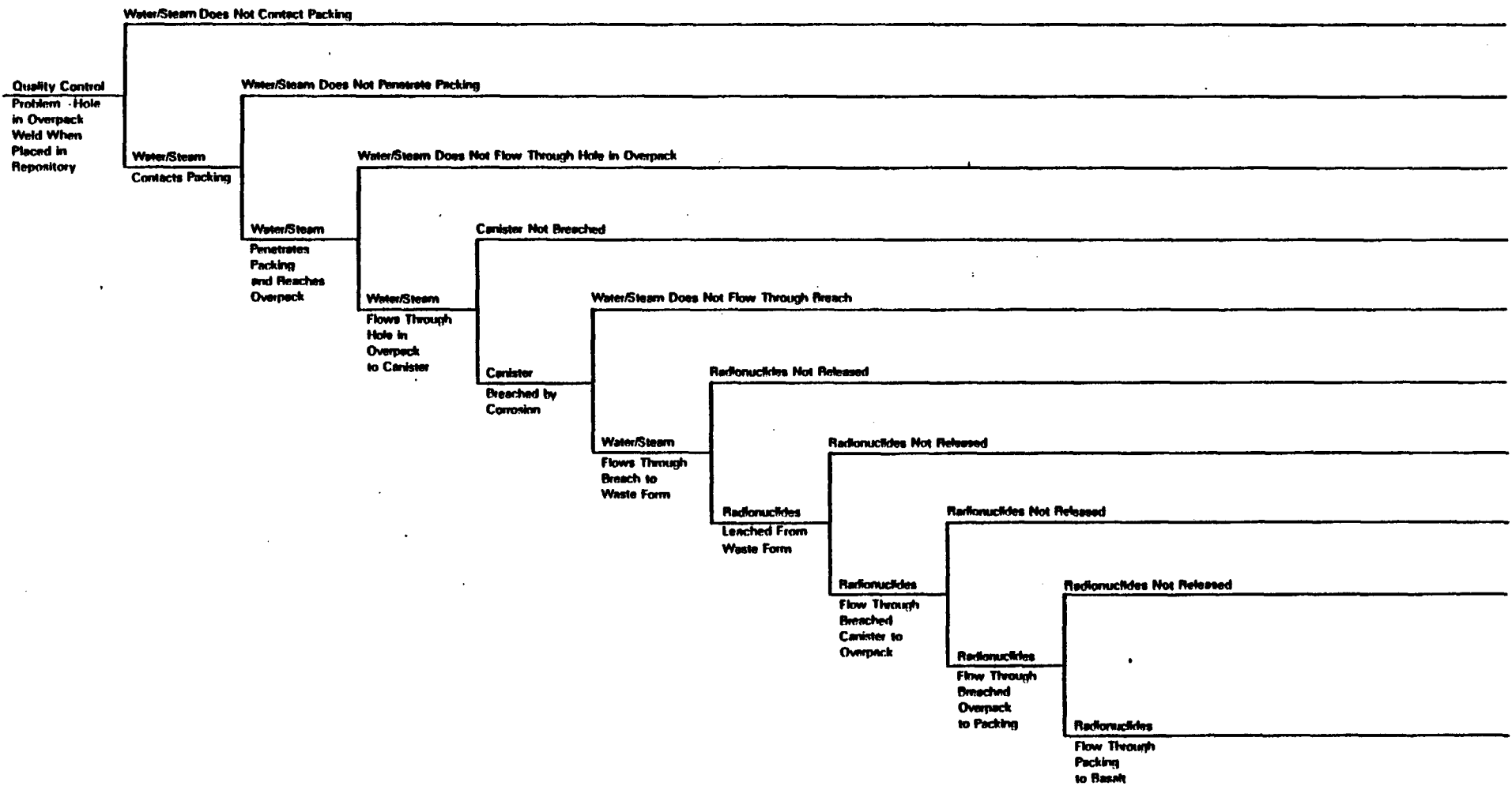
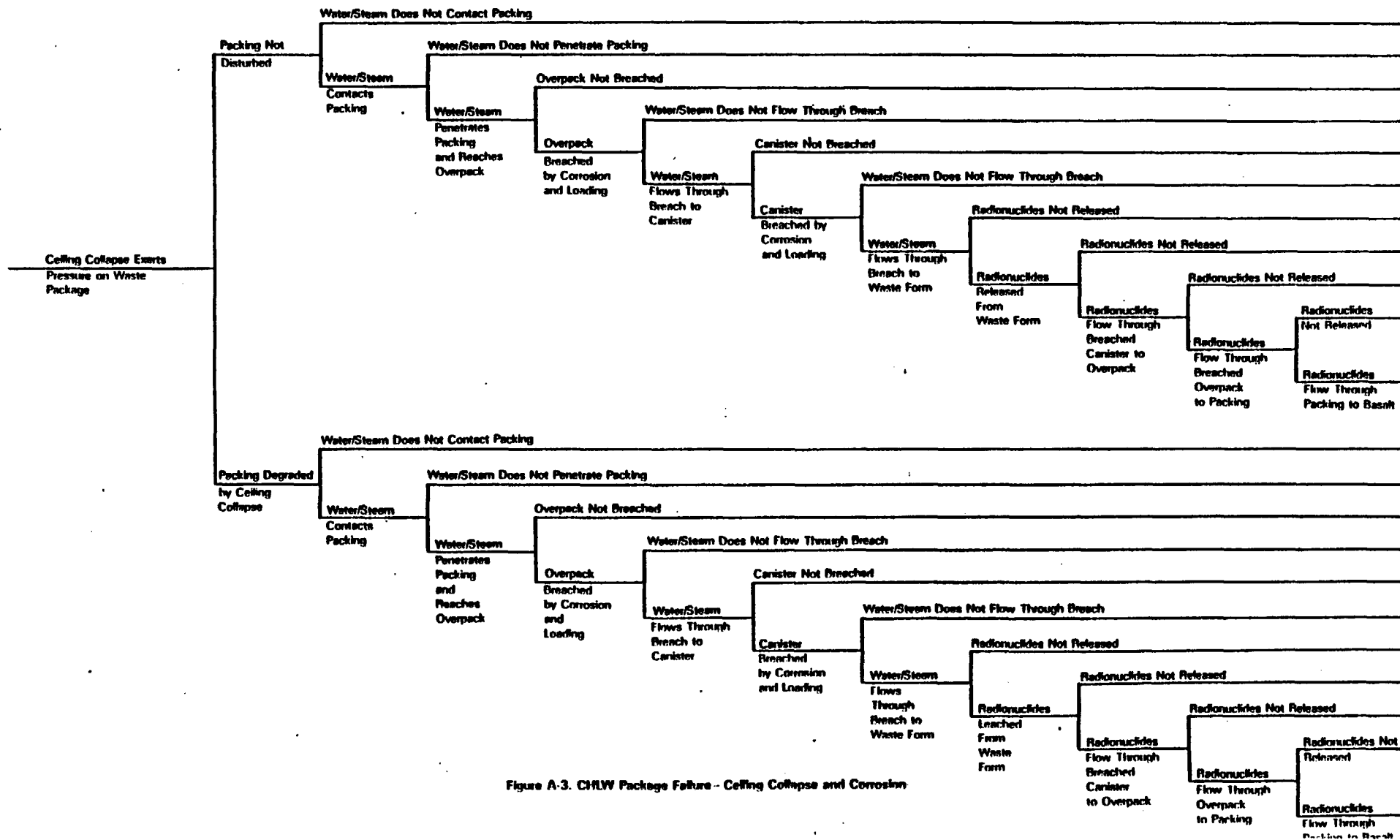


Figure A-2. CHLW Package Failure - Hole in Overpack Weld and Corrosion



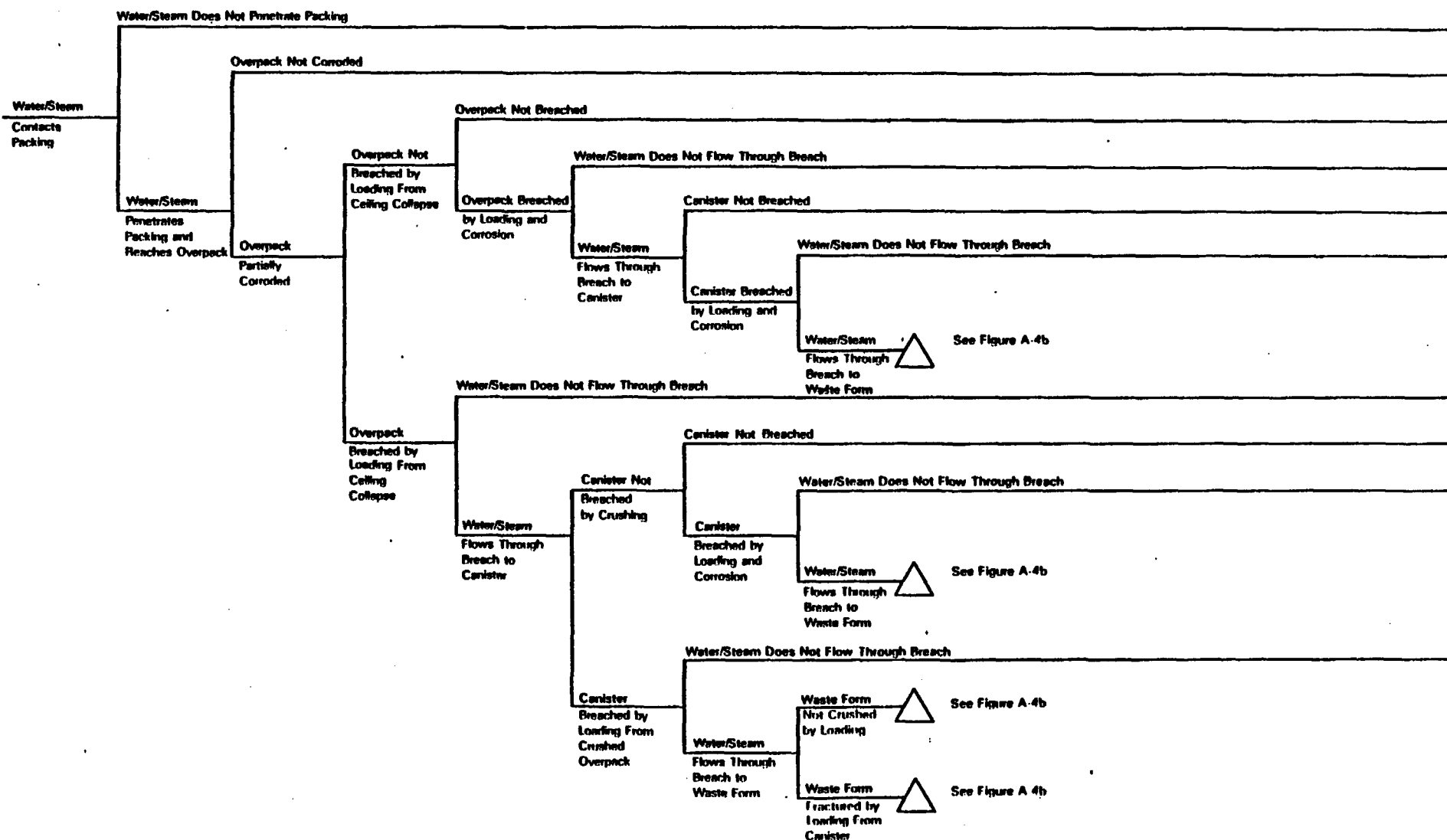


Figure A-4a. CHLW Package Failure - Corrosion Followed by Loading From Ceiling Collapse



See Figure
A 4a

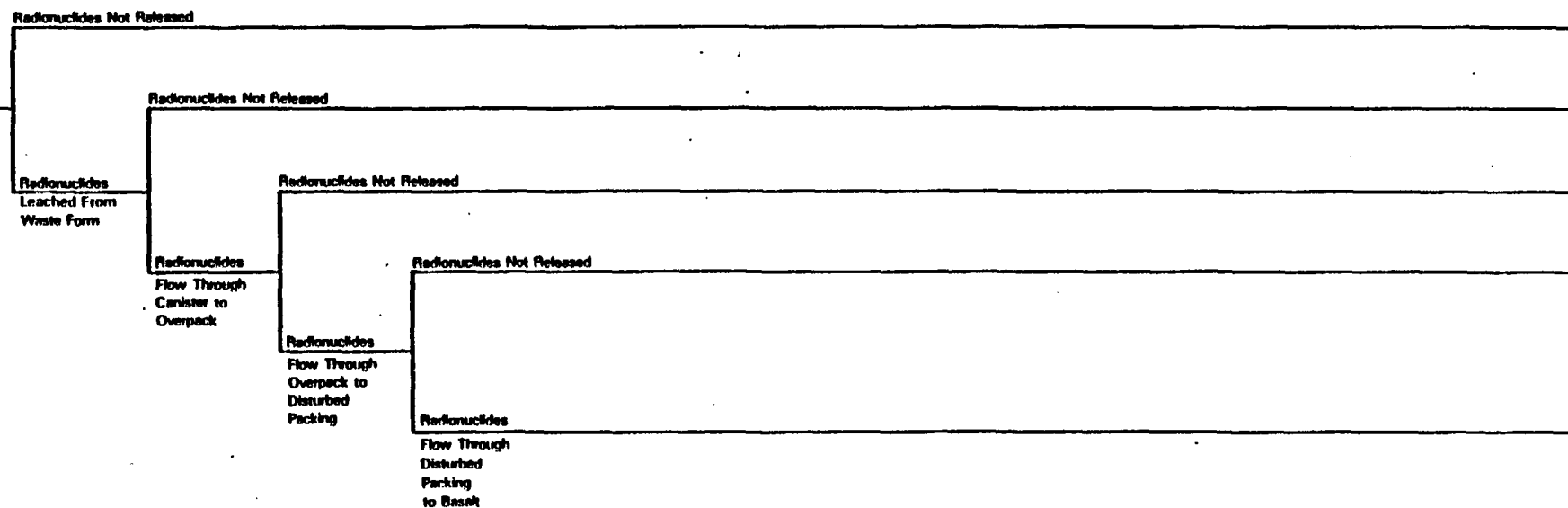


Figure A-4b. CHLW Package Failure - Corrosion Followed by Loading From Ceiling Collapse (Cont'd)

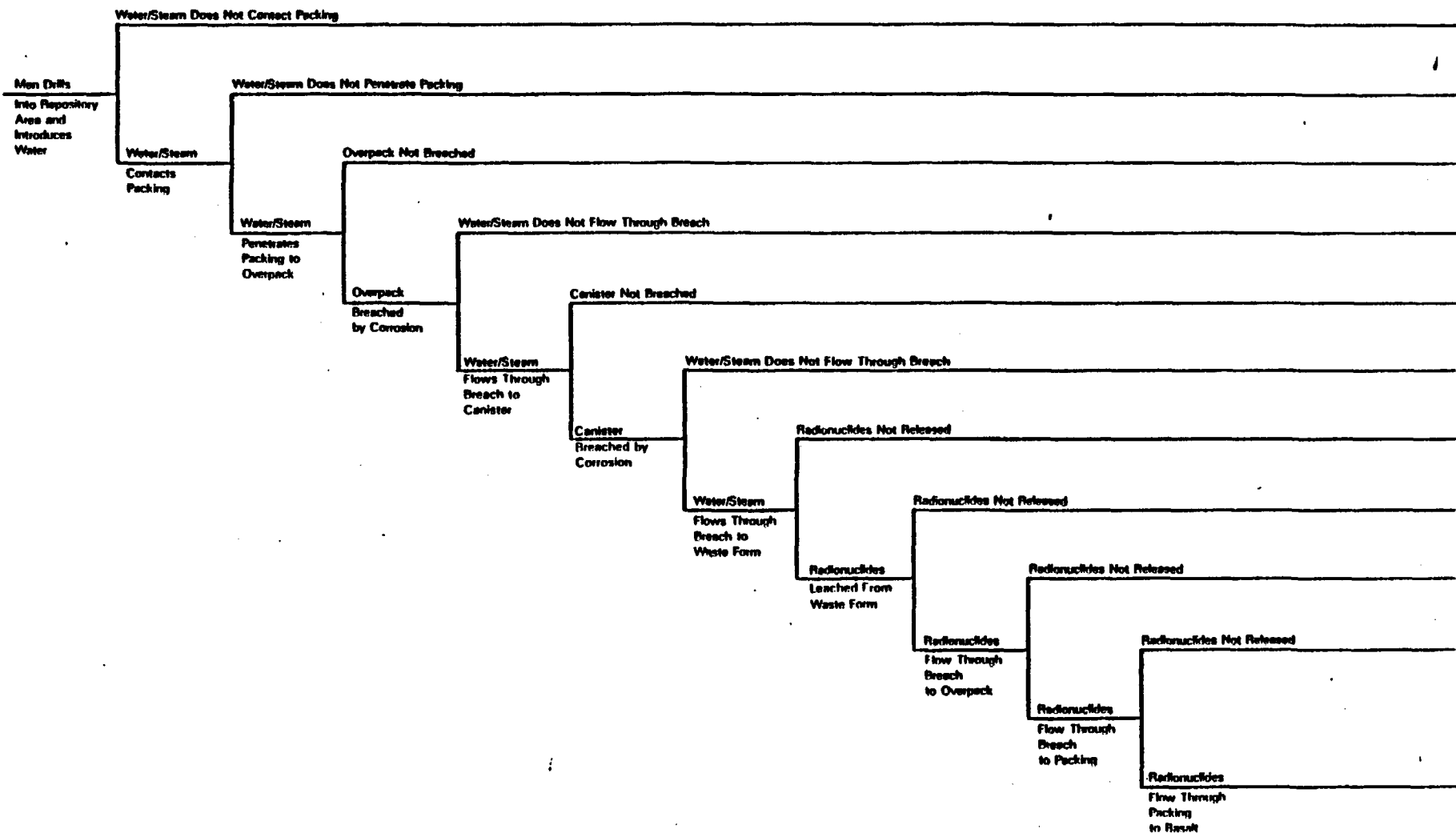


Figure A-5. CHLW Package Failure – Drilling Into Repository Area

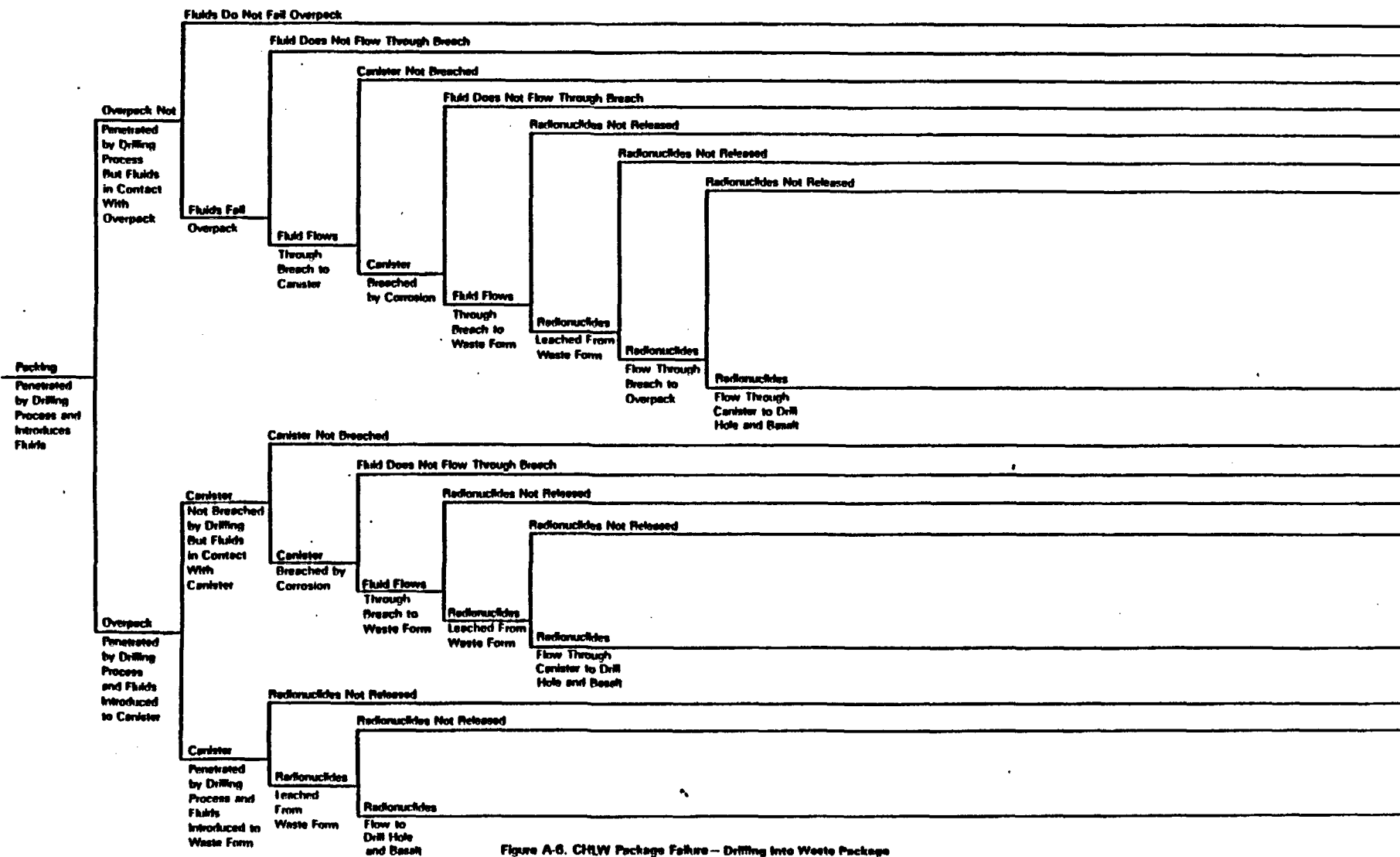


Figure A-6. CHLW Package Failure - Drilling into Waste Packages

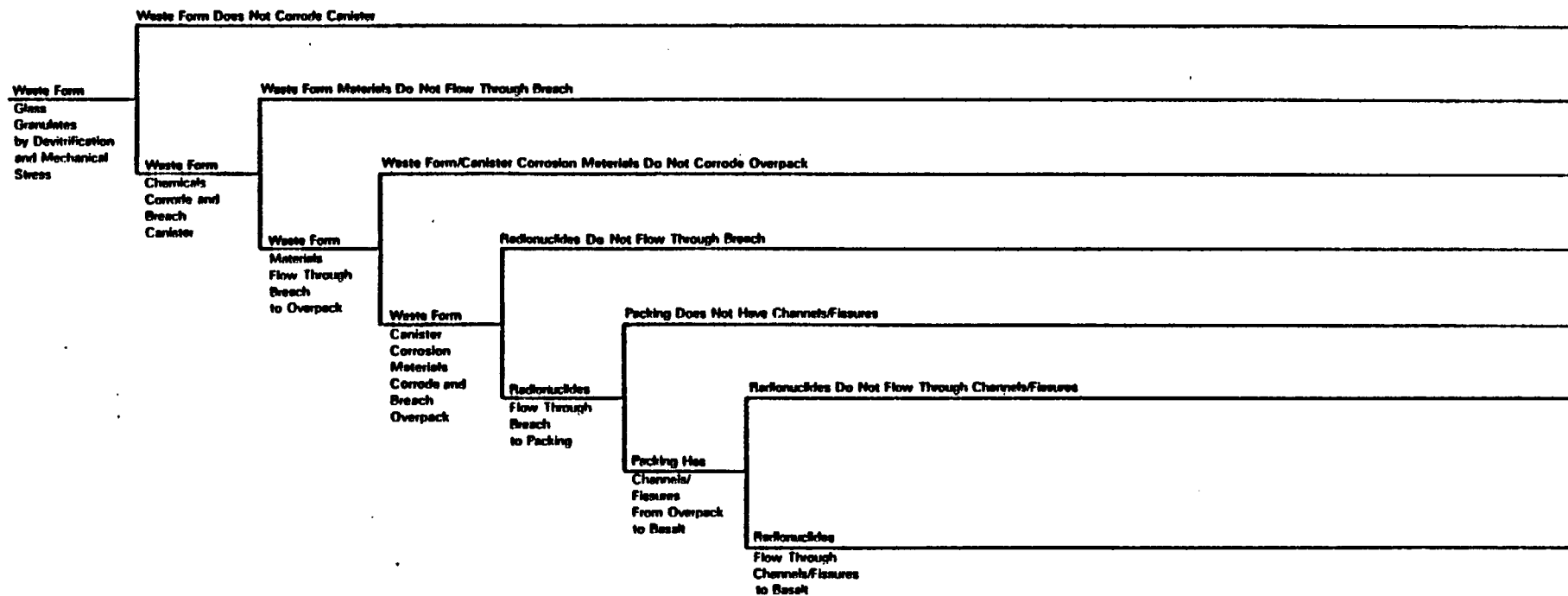


Figure A-7. CHLW Package Failure—Mechanical Waste Form Failure and Internal Corrosion

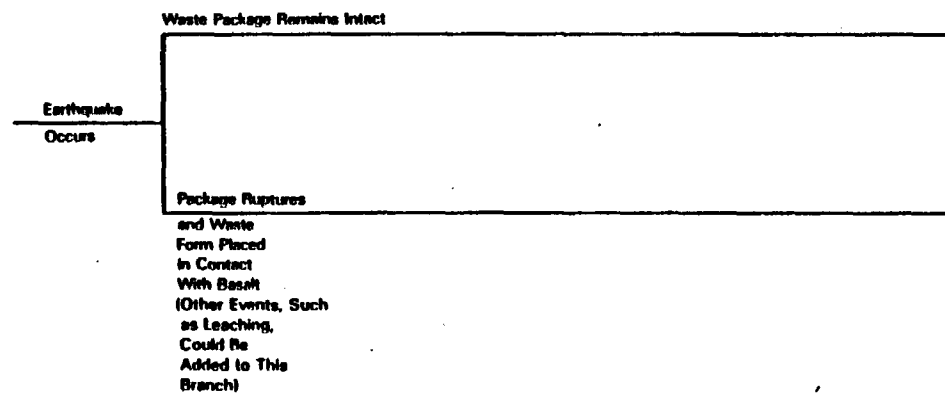


Figure A.8. CILW Package Failure - Earthquake

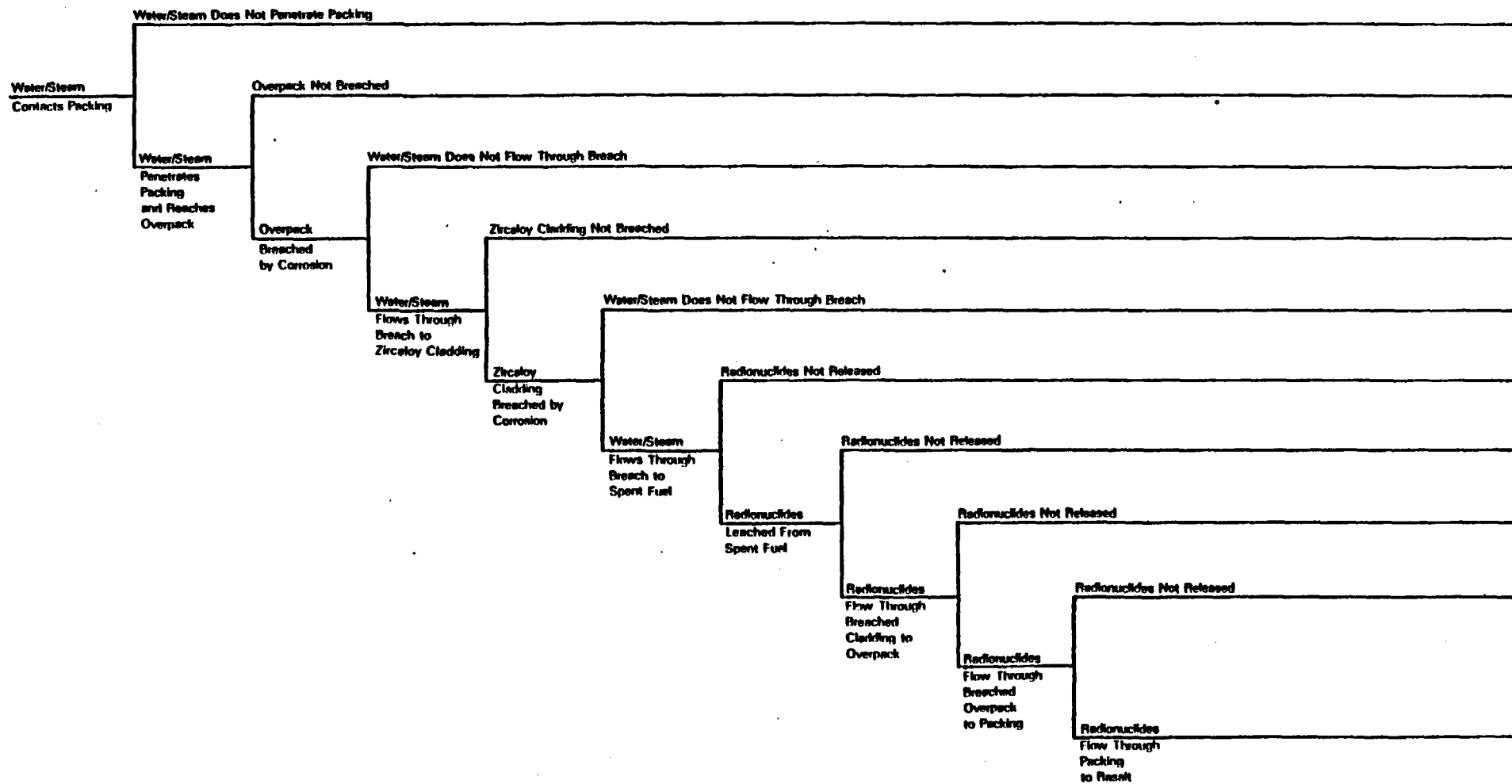


Figure A-9. SF Waste Package Failure - Corrosion

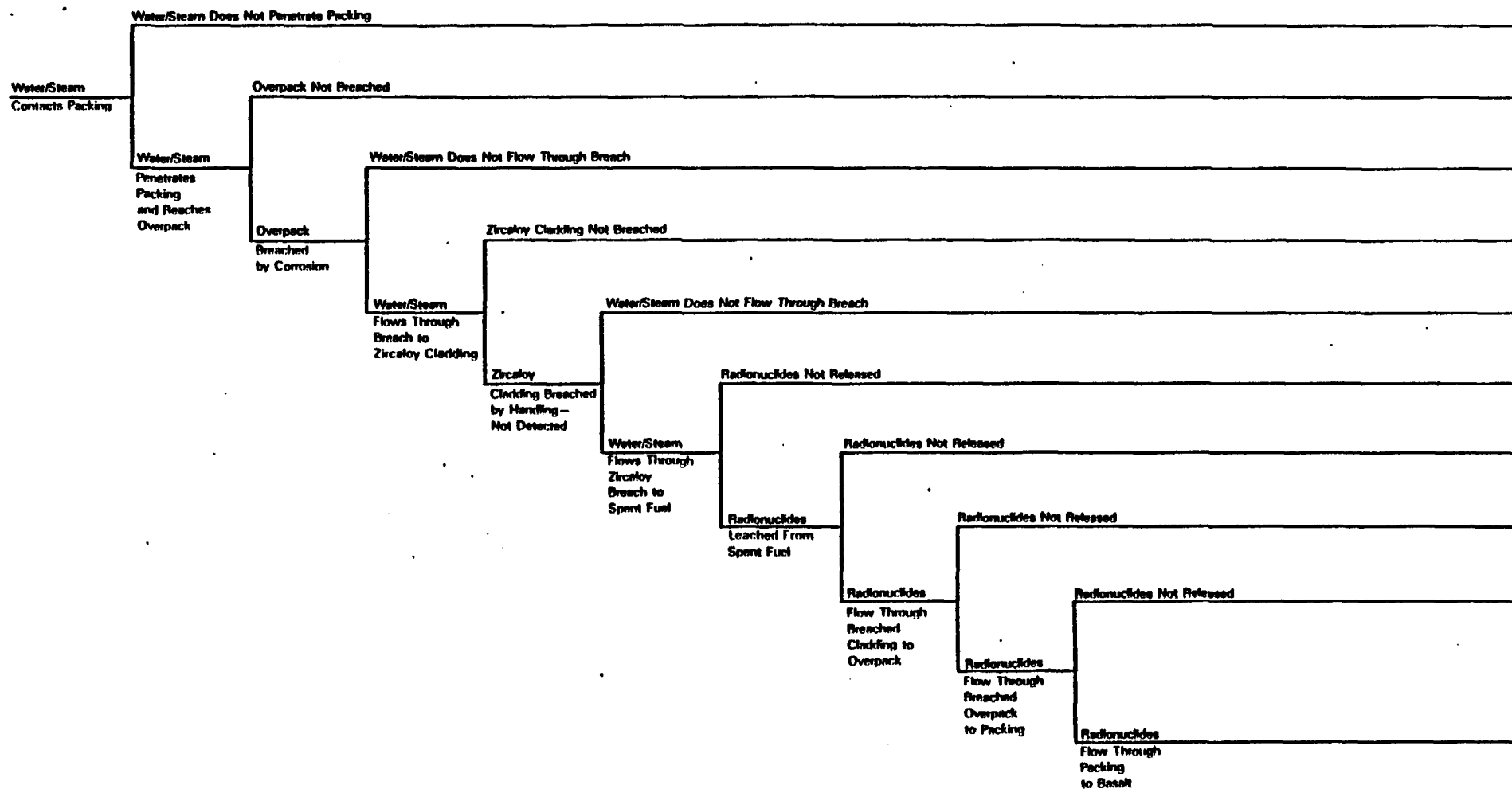


Figure A-10. SF Waste Package Failure - Handling/Quality Control and Corrosion

