

DRAFT

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

APPENDIX A. EVENT TREES

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PDR WASTE
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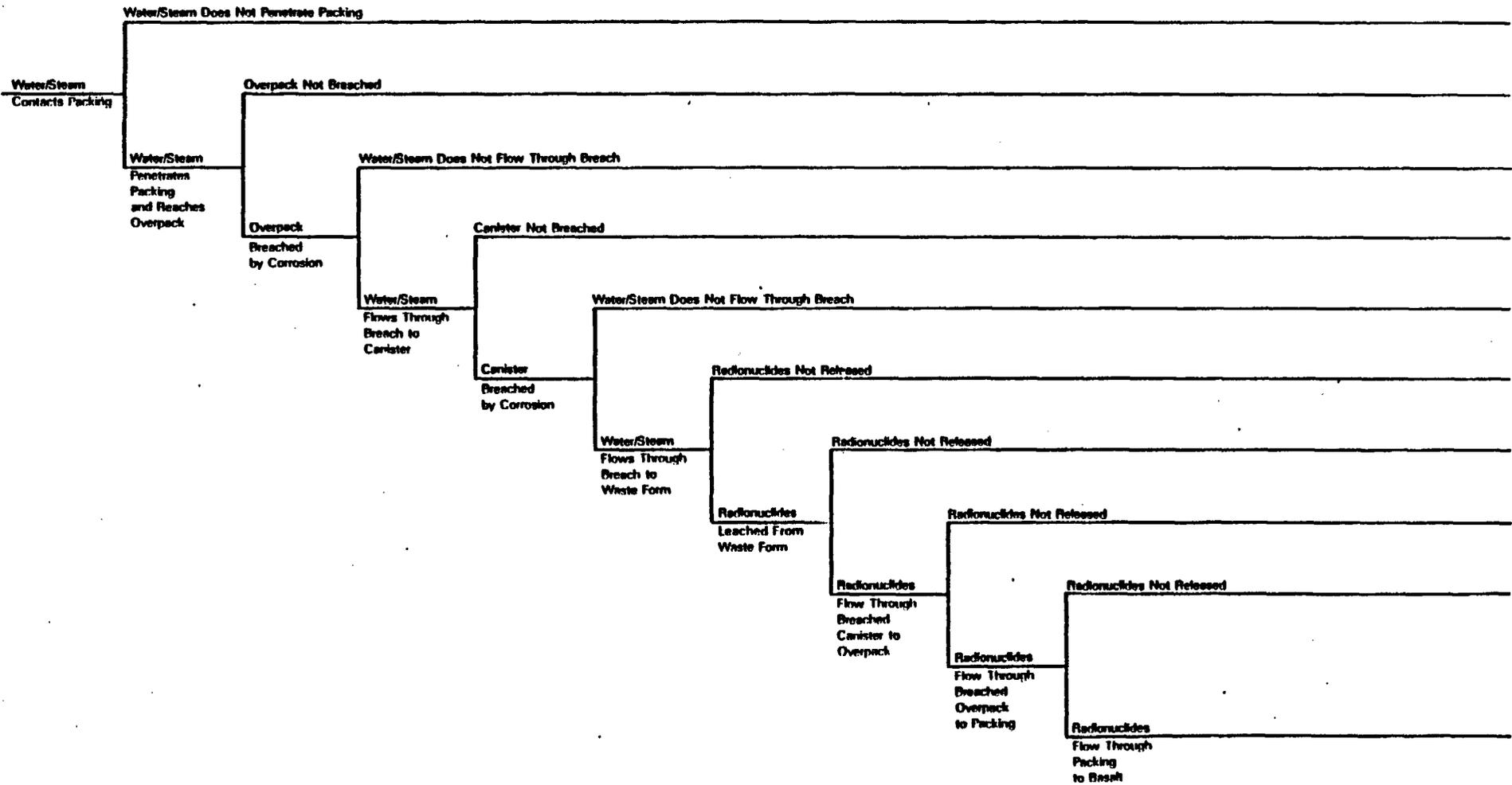


Figure A-1. CHLW Package Failure Corrosion

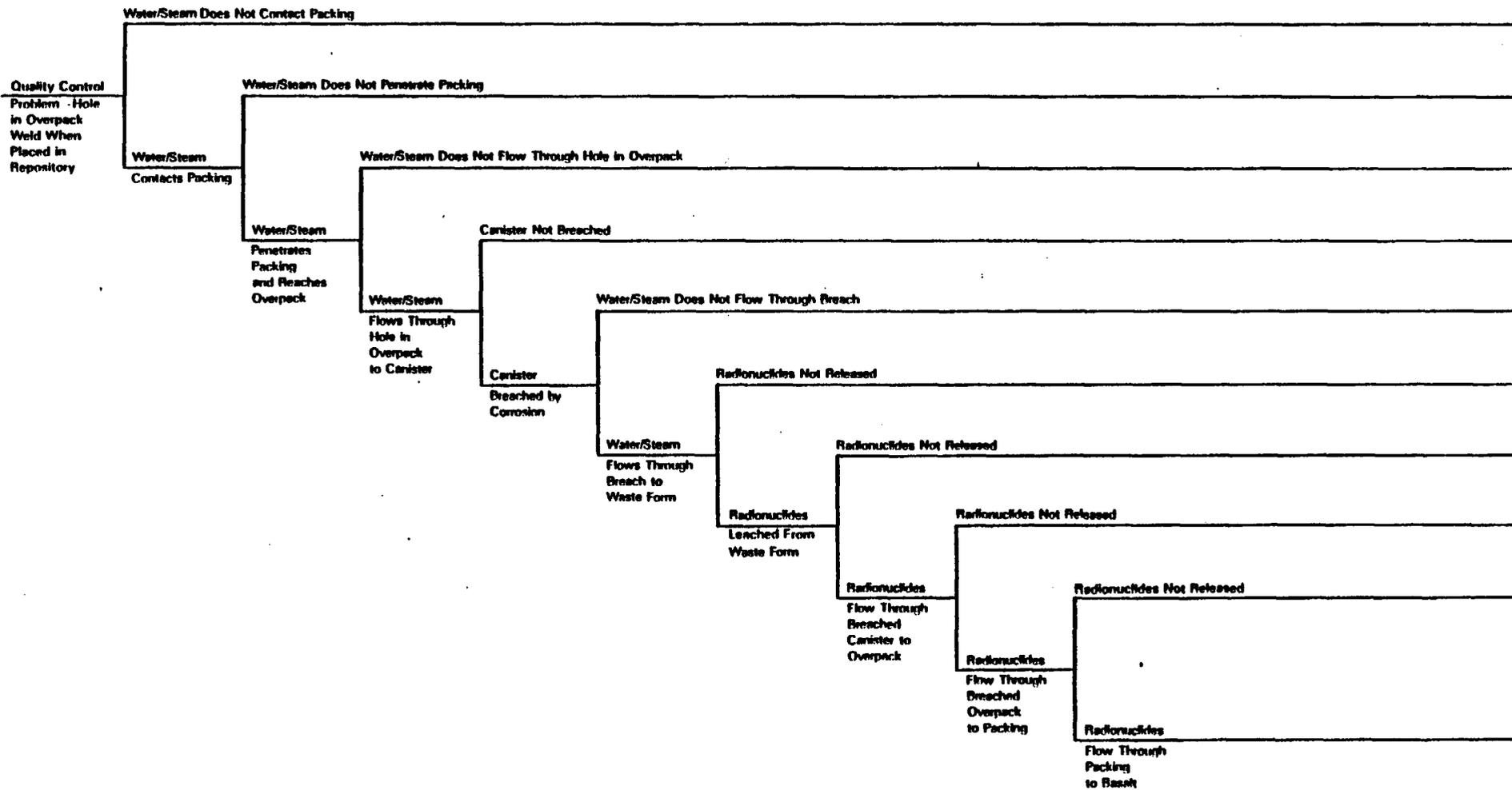


Figure A-2. CHLW Package Failure - Hole in Overpack Weld and Corrosion

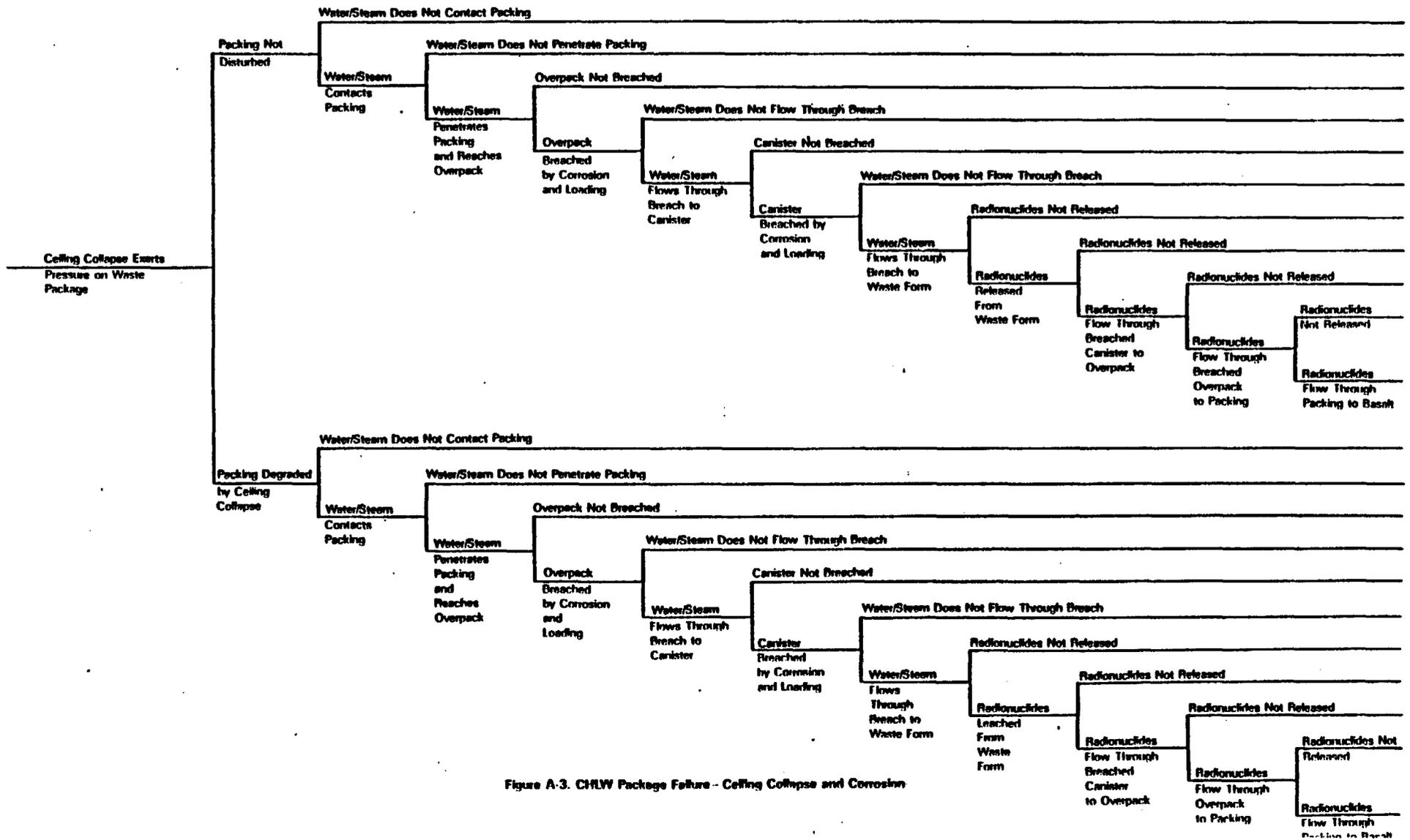


Figure A-3. CHLW Package Failure - Ceiling Collapse and Corrosion

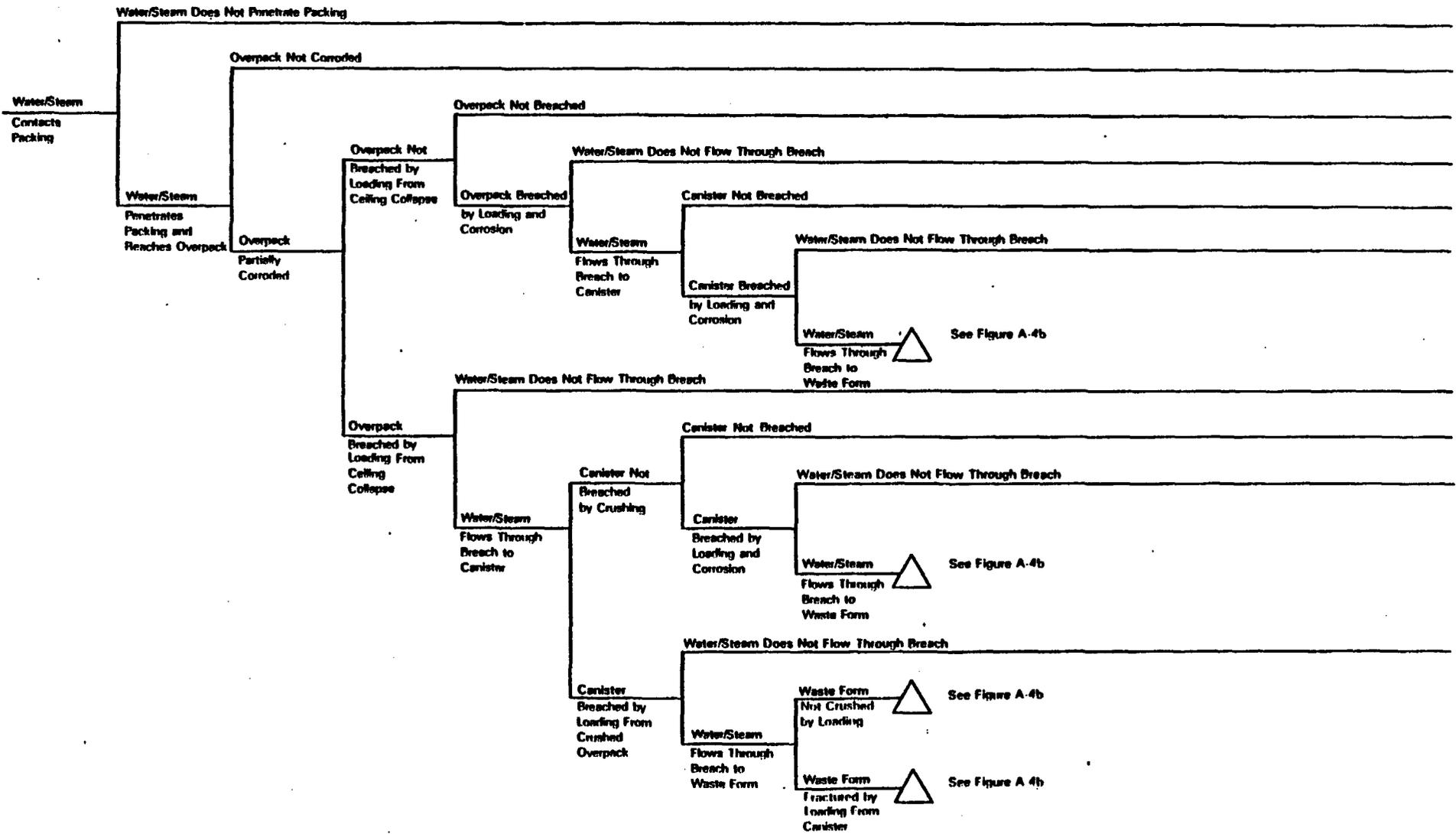


Figure A-4a. CHLW Package Failure - Corrosion Followed by Loading From Ceiling Collapse

See Figure
A-4a

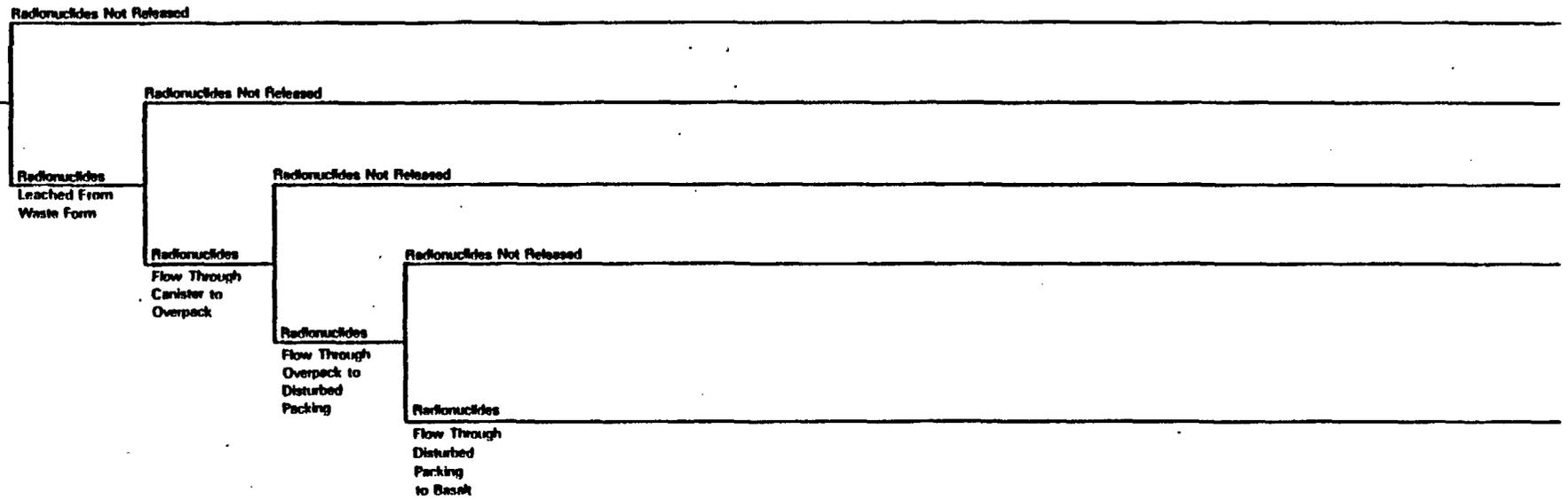


Figure A-4b. CHLW Package Failure - Corrosion Followed by Loading From Ceiling Collapse (Cont'd)

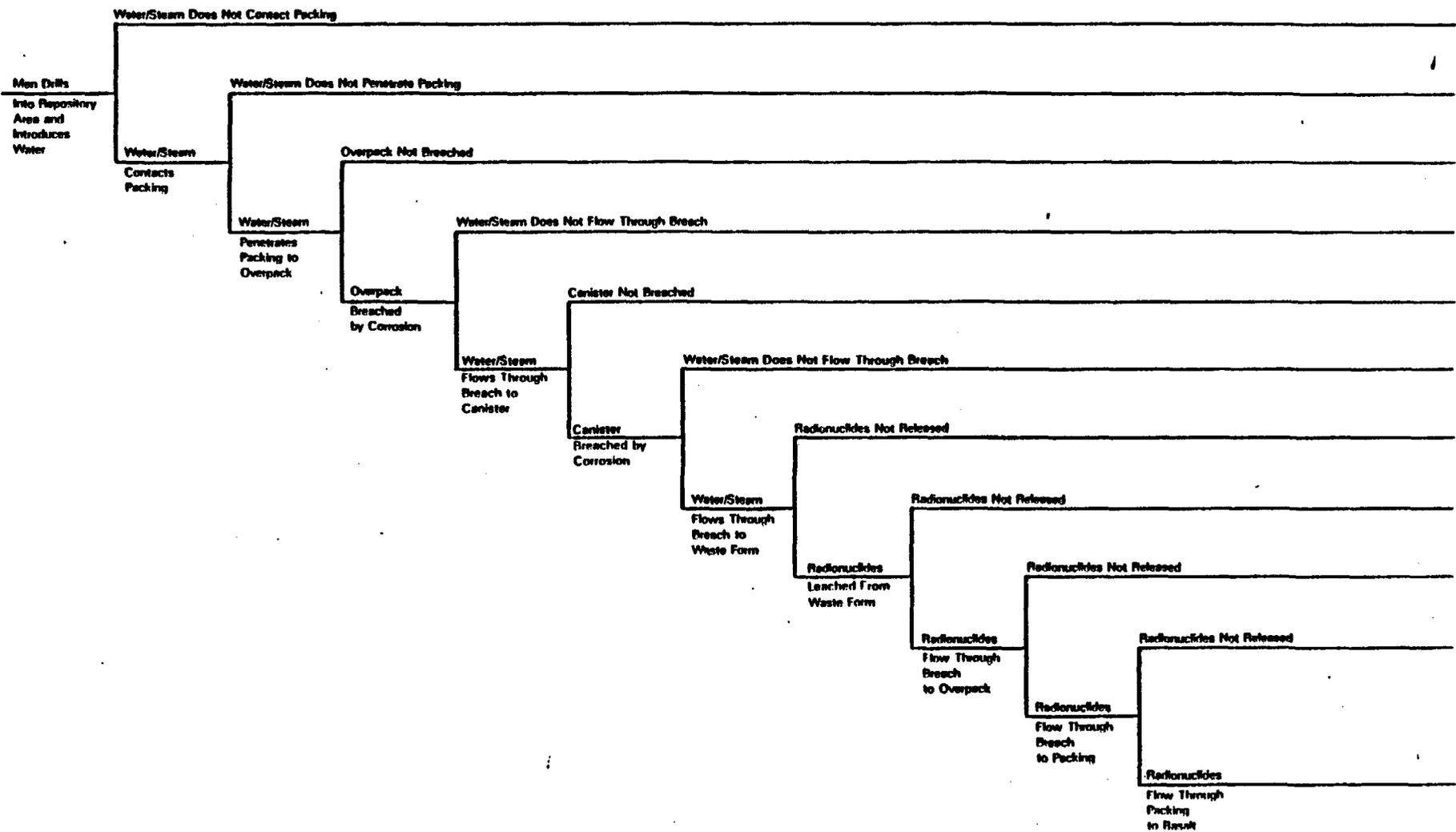


Figure A-5. CHLW Package Failure – Drilling into Repository Area

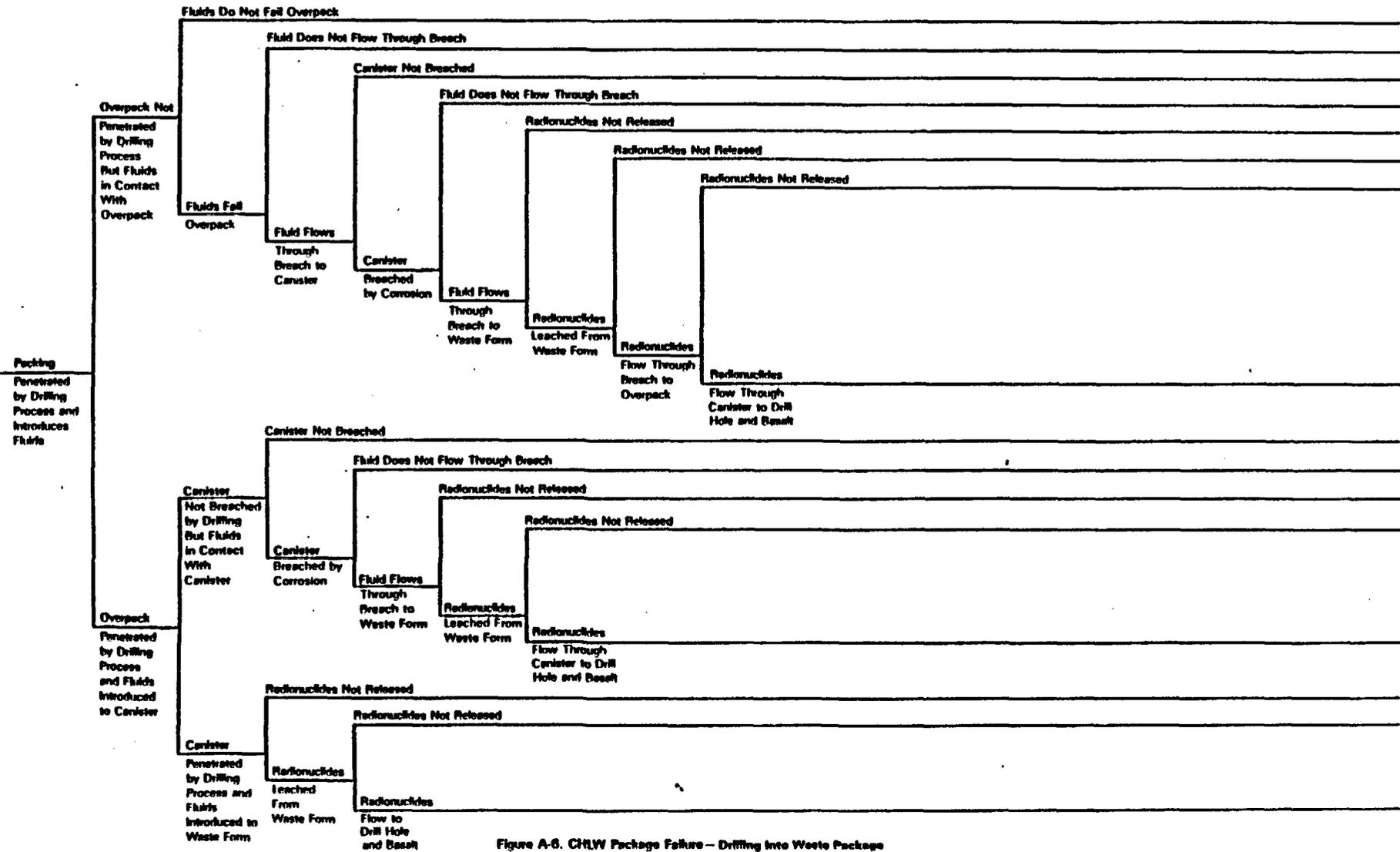


Figure A-6. CILW Package Failure - Drilling into Waste Packages

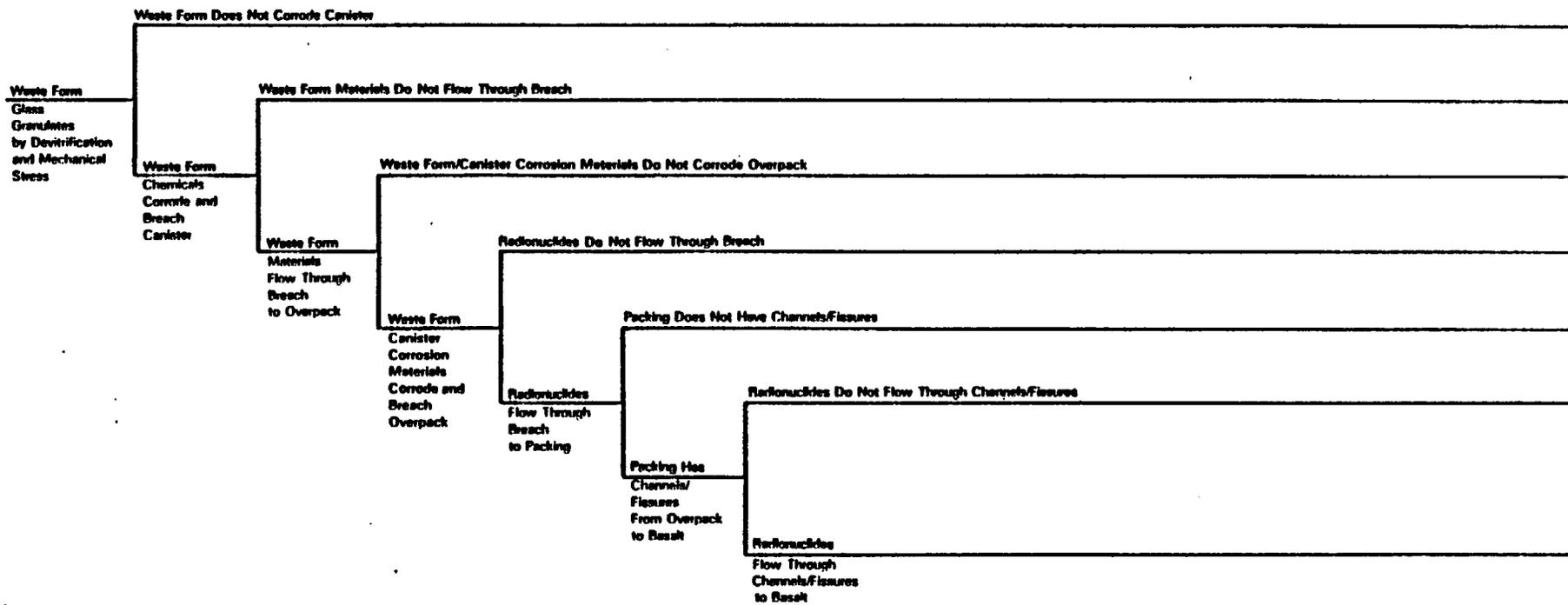


Figure A-7. CHLW Package Failure—Mechanical Waste Form Failure and Internal Corrosion

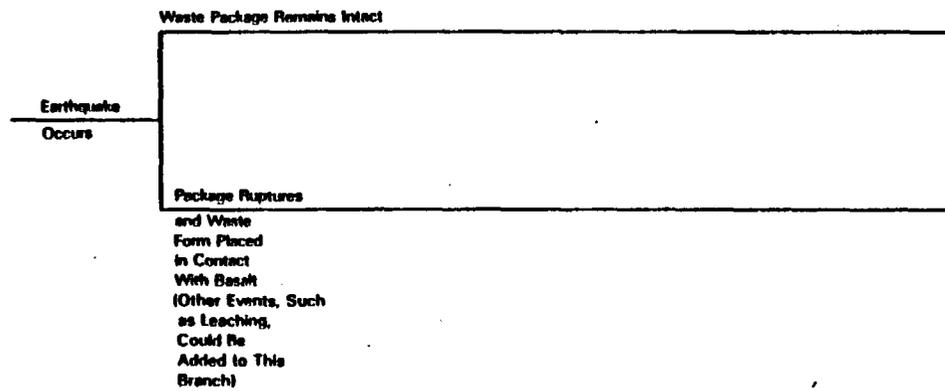


Figure A.8. CILW Package Failure - Earthquake

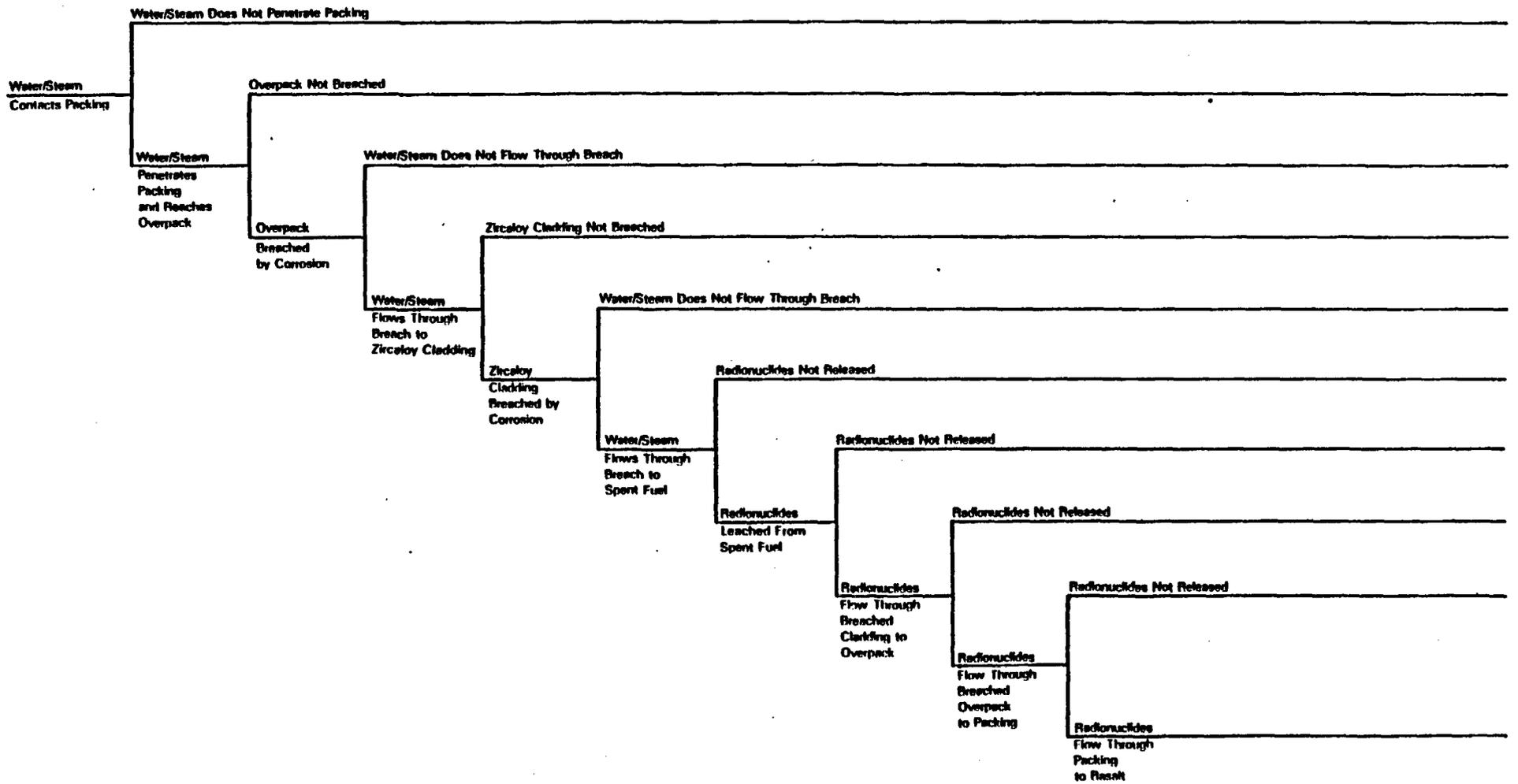


Figure A-9. SF Waste Package Failure - Corrosion

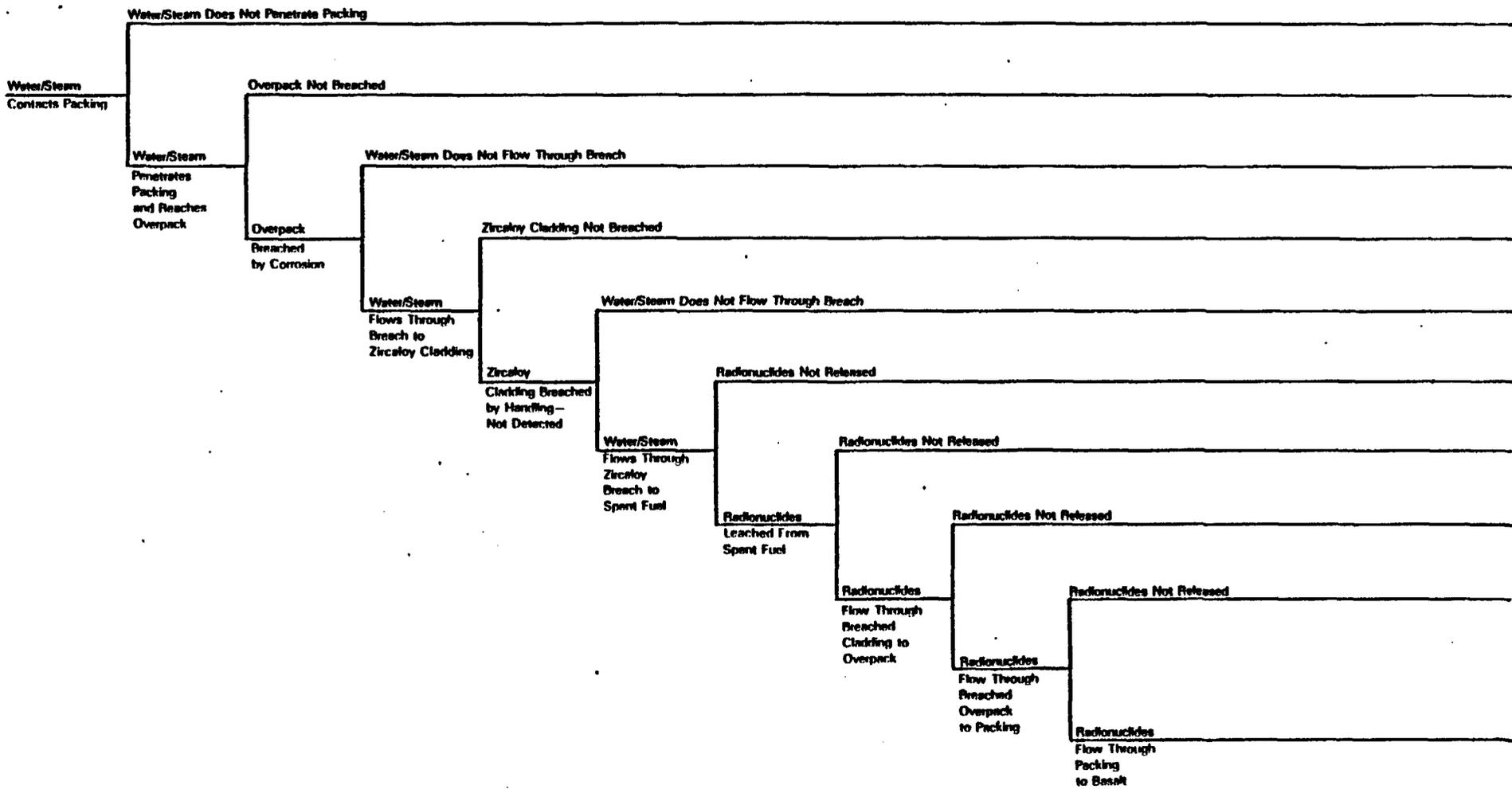


Figure A-10. SF Waste Package Failure - Handling/Quality Control and Corrosion

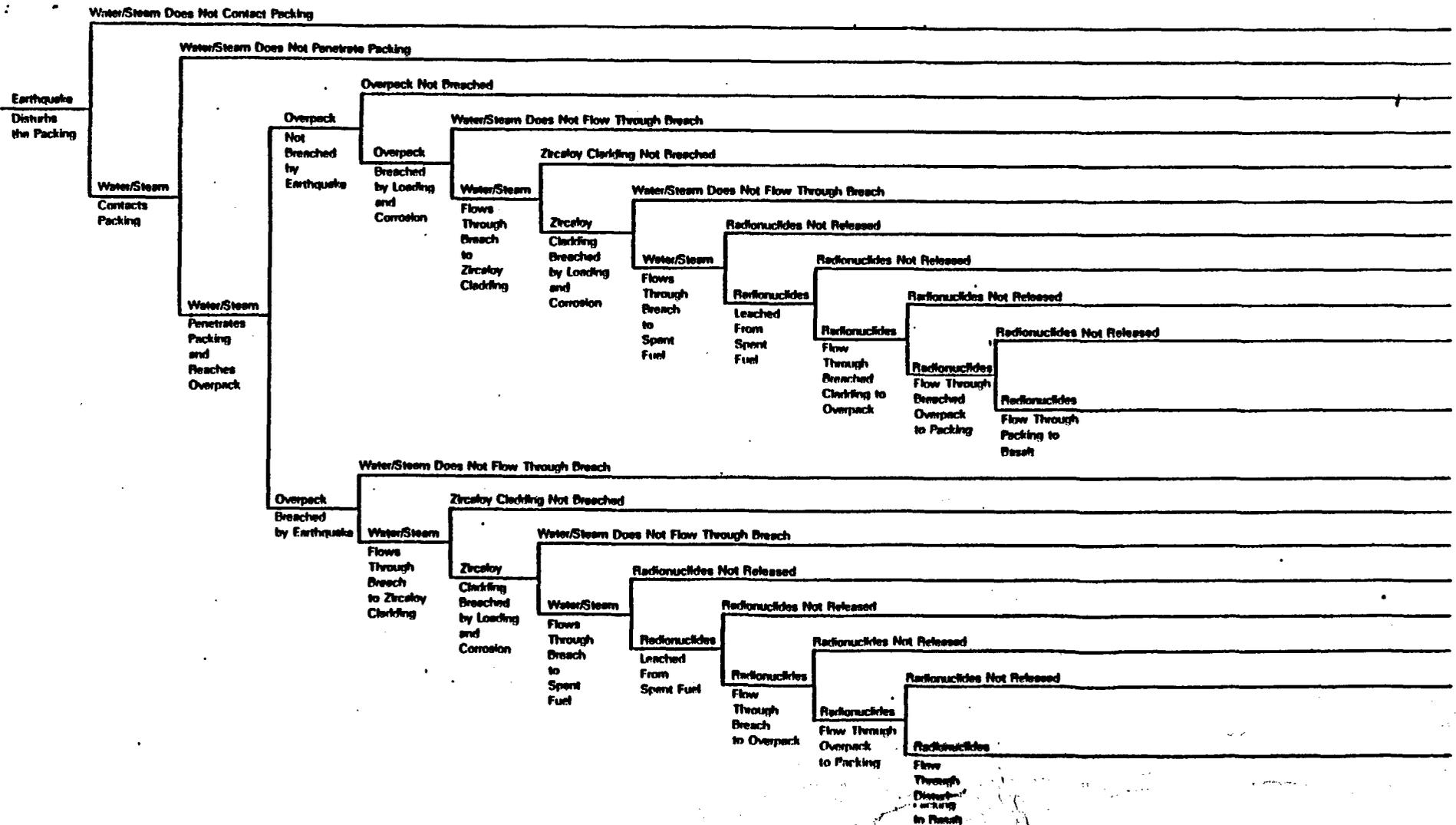


Figure A-11. SF Waste Package Failure - Earthquake and Corrosion