B8.7 • Protection of pipeline distribution system education B3.18 • Pipeline age B5.5.F —While exempt from employees Pipeline realignment B3.19 available one-call systems **B9 CORROSION ISSUES** B3.20 • Plans and procedures —Incorrect operator one-call CONTRIBUTING TO THE B3.21 • Protection of pipeline marks CONSEQUENCES OF ACCIDENTS employees B5.5.H —Ignoring one-call marks THAT OCCUR DUE TO: B3.22 • Railroad rights-of-way B5.5.I —One-call marks are altered/ or DUE TO LACK OF: B3.23 • Records and reports removed or DUE TO INADEQUATE: B3.23.A —Annual B3.23.B —Incident B5.5.J —Violation of one-call laws The issues received were not (inadequate penalties/enforcement) appropriate for this category. The B3.24 • Reduced operating staff B5.5.K —Incorrect construction responder may submit issues and B3.25 • Repairs/rehabilitation marks solutions for this category B3.25.A —Casing shorts B5.5.L —Pipeline markers are **B10 OUTSIDE FORČE ISSUES** B3.25.B —Cast iron pipe inadequate CONTRIBUTING TO THE B3.25.B.1 >Aging B5.5.M —Public right-of-way CONSEQUENCES OF ACCIDENTS >Graphitization B3.25.B.2 B5.6 • Unreported or unrecognized DUE TO: THAT OCCUR B3.25.B.3 >Movement or DUE TO LACK OF: B3.25.C —Pipe support during B5.7 • Vandalism or sabotage or DUE TO INADEQUATE: B3.26 • Small gas distribution **B6 DESIGN ISSUES CONTRIBUTING** The issues received were not systems TO THE CONSEQUENCES OF appropriate for this category. The B3.27 • Training ACCIDENTS THAT OCCUR DUE B3.28 • Underground utility responder may submit issues and solutions for this category location or DUE TO LACK OF: B11 ISSUES THAT AFFECT OPS'S B3.29 • Underwater hazards to or DUE TO INADEQUATE: AND INDUSTRY'S ABILITY TO navigation B6.1 • Allowable maximum IDENTIFY AND MANAGE RISKS **B4 CORROSION ISSUES** operating pressure DUE TO: CONTRIBUTING TO THE B6.1.A —High risk areas or DUE TO LACK OF: PROBABILITY OF ACCIDENT B6.2 • HVL facilities or DUE TO INADEQUATE: OCCURRENCE DUE TO: B6.3 • Proximity to inhabited B11.1 • Accident investigations or DUE TO LACK OF: buildings B11.1.A —Confidentiality of or DUE TO INADEQUATE: B6.4 • Uncontrolled leaks information B4.1 • Atmospheric B6.4.A —Service lines B11.2 • Conflicting responsibilities B4.2 • External among conformance authorities B6.5 • Valve remote control B4.2.A —Bare steel pipe B6.6 • Valve location B11.2.A -Interstate pipelines B4.2.B —Cathodic protection B11.2.B -Marine transfer pipelines **B7 CONSTRUCTION ISSUES** B4.2.B.1 >Inconsistent regulations B11.2.C -Setback requirements CONTRIBUTING TO THE B4.2.B.2 >Test points B11.3 • Federal/State CONSEQUENCES OF ACCIDENTS B4.2.B.3 >Surveys B11.3.A —Accident investigation THAT OCCUR DUE TO: B4.2.C —Coating B4.2.C.1 >Condition coordination or DUE TO LACK OF: -Facility inspection B11.3.B or DUE TO INADEQUATE: B4.3 • Internal B11.3.B.1 >frequency B7.1 • Environmental damage B4.4 • Tank bottom B11.3.B.2 >of master meter systems **B8 OPERATIONS AND** B11.3.C **B5 OUTSIDE FORCE DAMAGE TO** -Inspector MAINTENANCE ISSUES B11.3.C.1 >competence **BURIED PIPELINES ISSUES** CONTRIBUTING TO THE B11.3.C.2 >corrosion control CONTRIBUTING TO THE CONSEQUENCES OF ACCIDENTS training PROBABILITY OF ACCIDENT B11.3.C.3 >staff size THAT OCCUR DUE TO: OCCURRENCE DUE TO: B11.3.D —Non-uniform regulatory or DUE TO LACK OF: or DUE TO LACK OF: enforcement or DUE TO INADEQUATE: or DUE TO INADEQUATE: B11.4 • Fines and penalties B8.1 • Allowable maximum B5.1 • Digging with power B11.5 • Incident reporting operating pressure mechanical equipment instead of thresholds B8.1.A —High risk areas hand digging in close proximity to B11.6 • Maps, records and reports B8.2 • Check valve malfunction facilities B11.6.A —Analysis B8.3 • Emergency response B5.2 • Natural forces B11.6.B —Annual B5.3 • Operator personnel B8.3.A Environmentally sensitive B11.6.C -Incident areas B5.3.A —Pumping stations B11.6.D —High risk areas B5.4 • Public activity B8.3.A.1 >Definition B11.7 • Public education B8.3.B —Highly populated areas B8.3.C —Water supplies B5.4.A —Gas distribution facilities B11.8 • Regulation ambiguities B5.5 • Third party operations B11.9 • State highway non-B8.4 • Hazardous concentrations of B5.5.A —Mandatory state one-call uniformity in design requirements hydrogen sulfide system B11.10 • Unregulated B11.10.A —Gathering pipelines B11.10.B —Low stress pipelines B8.5 • HVL facilities B5.5.B -Universal/uniform one-call B8.6 • Leaks system B8.6.A B11.10.C —Underground storage B5.5.C —Statutory one-call —Undetected, in Service enforcement authority lines Section C. Solution Statement B5.5.D —Without using available B8.6.B —Unrecognized B8.6.B.1 —During unsteady A SOLUTION is one of a number of one-call system B5.5.E —One-call system public operations remedies to one or more issues from