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<InstrumentationLoopFunction ID = "ILF1" TAG: L-03
  <AssociationType="is a collection including" ItemID="PIF1"/>
</InstrumentationLoopFunction>
<ProcessInstrumentationFunction> ID = "PIF1" TAG: L-03
  <AssociationType="is a part of" ItemID="ILF1"/>
  <AssociationType="is logical start of" ItemID="SCF2"/>
  <AssociationType="is logical end of" ItemID="SCF1"/>
  <ProcessSignalGeneratingFunction> ID = "PSGF1" TAG: LT-03
    <Association Type="is located in" ItemID="PC1"/>
    <Association Type="is logical start of" ItemID="SCF1"/>
  </ProcessSignalGeneratingFunction>
  <ActuatingFunction> ID = "AF1" TAG: LV-03
    <Association Type="is located in" ItemID="PNS2"/>
    <Association Type="is logical end of" ItemID="SCF2"/>
    <Association Type="is fulfilled by" ItemID="AS1"/>
  </ActuatingFunction>
  <InformationFlow ID = "SCF1"
    <Association Type="has logical start" ItemID="PSGF1"/>
    <Association Type="has logical end" ItemID="PIF1"/>
  </InformationFlow>
  <InformationFlow ID = "SCF2"
    <Association Type="has logical start" ItemID="PIF1"/>
    <Association Type="has logical end" ItemID="AF1"/>
  </InformationFlow>
</ProcessInstrumentationFunction>
<ActuatingSystem ID = "AS1" TAG: LV-03
  <Association Type="fulfills" ItemID="AF1"/>
  <ActuatingSystemComponent
    ComponentClass = "ControlledActuator" ID="CA1...>
  </ActuatingSystemComponent>
  <ActuatingSystemComponent ID="CV1" ...>
    ComponentClass = "ControlledValve" ...>
    <Association Type="refers to" ItemID="PC2"/>
  </ActuatingSystemComponent>
</ActuatingSystem>
<PipingNetworkSystem ID="System1"
  <PipingNetworkSegment> ID="PNS1"
    <PipingComponent ID="PC1" ...>
      ComponentClass = "BlindFlange"
      <Association Type="is the location of" ItemID="PSGF1"/>
    </PipingComponent>
  </PipingNetworkSegment>
</PipingNetworkSystem>
<PipingNetworkSystem ID="System2"
  <PipingNetworkSegment> ID="PNS2"
    <Association Type="is the location of" ItemID="AF1"/>
    <PipingComponent ID="PC2" ...>
      ComponentClass = "ShutoffValve"
      <Association Type="is referenced by" ItemID="CV1"/>
    </PipingComponent>
  </PipingNetworkSegment>
</PipingNetworkSystem>

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