

2008 National Emissions Inventory

Emission Inventory System Implementation Plan

Appendix 4 Updating Facility Inventory Identifiers through an EIS CERS XML File Submission

Original: September 10, 2009

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Appendix 4: Updating Facility Inventory Identifiers through an EIS CERS XML File Submission

A4.1 Introduction

State, Local and Tribal (S/L/T) agencies may wish to change one or more identifiers at the facility site, emissions unit, emissions release point, and emissions process levels. Section 6 of the NEIP does not provide explicit guidance on how to implement these changes through the EIS CERS XML file. This document provides instructions for S/L/Ts on updating their agency identifiers through the batch submission process. It covers the following scenarios:

- Changing one or more agency identifiers within an existing primary Program System Code.
- Changing all agency identifiers to a new primary Program System Code.

A 4.2 Changing identifiers within your existing primary Program System Code

A Program System Code is the abbreviation or acronym of your agency or other data system that is associated with your Agency identifiers. Only one program system code may be reported in your submission. This is the Primary Program System Code and is the one associated with your reported agency identifiers.

A 4.2.1 Facility Site Identifiers

If you want to change your agency identifier for one or more facility sites, you should provide an EIS CERS XML file that contains a Facility Site component and two Facility Identification components for each facility site. The identifier you are replacing will be retired but kept as an alternative identifier.

1. **FacilitySite** – This component has no required elements and serves as a container for the FacilityIdentification components.
2. **FacilityIdentification** – The first instance of this component contains the current facility site identifier content. The actual set of elements to include varies depending on the way you choose to reference the current facility site. You may either use (A) the facility's EIS identifier, or (B) your current agency identifier.
 - A. This option requires the EIS facility site identifier and the "EIS" program system code. When using this option, an end date will automatically be placed on the agency identifier that is being retired.
 - B. This option requires your current agency facility site identifier, its program system code, the state and county FIPS code, and the end date of the current

agency identifier.

3. **FacilityIdentification** – The second instance of this component contains your new facility site identifier content. It includes the agency’s new identifier, the agency primary program system code, the same state and county FIPS code as the retiring identifier, and the effective date of the new identifier.

The diagram below depicts the process for changing a facility identifier by referencing the EIS facility identifier.

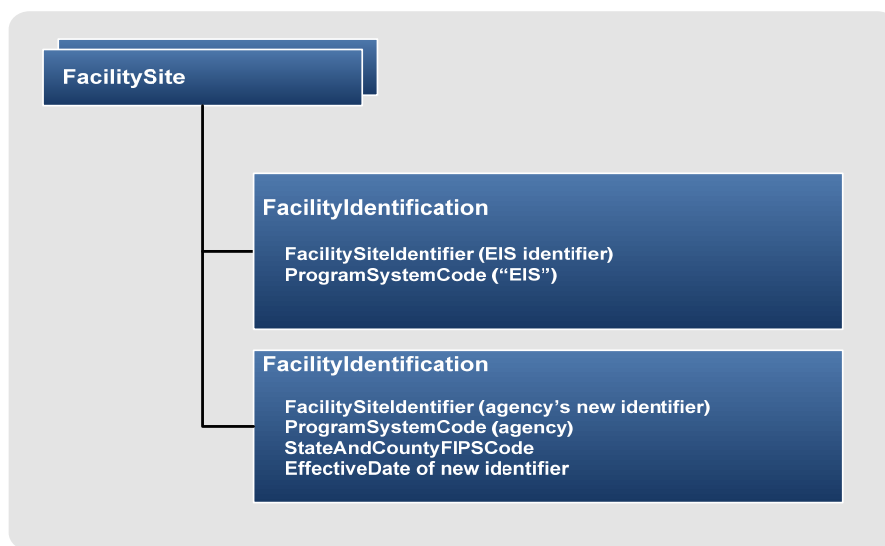


Figure 1: Using the EIS identifier to identify the current facility.

The XML below provides an example of how a member of the North Carolina Department of Air Quality agency would change one of its facility identifiers. The agency’s primary Program System Code is NCDAQ.

```

<cer:FacilitySite>
  <cer:FacilityIdentification>
    <cer:FacilitySiteIdentifier>14211</cer:FacilitySiteIdentifier>
    <cer:ProgramSystemCode>EIS</cer:ProgramSystemCode>
  </cer:FacilityIdentification>
  <cer:FacilityIdentification>
    <cer:FacilitySiteIdentifier>MER-001</cer:FacilitySiteIdentifier>
    <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
    <cer:StateAndCountyFIPSCode>37035</cer:StateAndCountyFIPSCode>
    <cer:EffectiveDate>2008-08-10</cer:EffectiveDate>
  </cer:FacilityIdentification>
</cer:FacilitySite>
  
```

EIS Identifier

New Agency Identifier

Figure 2 shows the minimum components and data elements required for changing a facility site's identifier by referencing the current agency identifier.

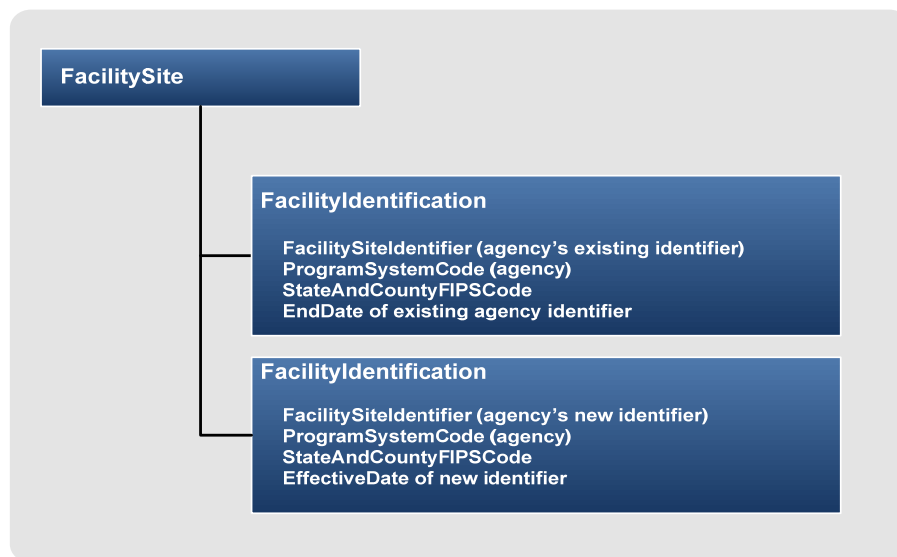


Figure 2: Using the agency's current identifier to identify the current facility.

The XML below provides an example of how a member of the North Carolina Department of Air Quality agency would change one of its facility identifiers using the current agency facility site identifier as the starting point.

```

<cer:FacilitySite>
  <cer:FacilityIdentification>
    <cer:FacilitySiteIdentifier>NCF-AA1</cer:FacilitySiteIdentifier>
    <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
    <cer:StateAndCountyFIPSCode>37035</cer:StateAndCountyFIPSCode>
    <cer:EndDate>2008-06-30</cer:EndDate>
  </cer:FacilityIdentification>
  <cer:FacilityIdentification>
    <cer:FacilitySiteIdentifier>NCFS-001</cer:FacilitySiteIdentifier>
    <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
    <cer:StateAndCountyFIPSCode>37035</cer:StateAndCountyFIPSCode>
    <cer:EffectiveDate>2008-08-10</cer:EffectiveDate>
  </cer:FacilityIdentification>
</cer:FacilitySite>
  
```

The XML example shows two **FacilityIdentification** elements within a **FacilitySite** element. The first element (light blue background) represents the current facility, with its **FacilitySiteIdentifier** **NCF-AA1** highlighted in red. A red arrow points to this identifier with the label **Current Agency Identifier**. The second element (light red background) represents the new facility, with its **FacilitySiteIdentifier** **NCFS-001** highlighted in red. A red arrow points to this identifier with the label **New Agency Identifier**.

A4.2.2 Emissions Unit Identifiers

If you want to change the identifiers for one or all of your emissions units, you should provide an XML file with the following components for each facility site and for all the units at the facility site for which you want to change identifiers. The identifier you are replacing will be retired but kept as an alternative identifier. This process is highlighted in page 6-48 of the NEIP.

1. **FacilitySite** – This component has no required elements and serves as a container for the FacilityIdentification components.
2. **FacilityIdentification** – Provide all of the minimum required components and data elements at the facility site identification level. If you choose to identify the facility site by using its EIS identifier, you would include the “EIS” program system code. If you decide to reference the agency facility site identifier, then you must include your primary agency program system code and the state and county FIPS code.
3. **EmissionsUnit** – This component has no required elements and serves as a container for the UnitIdentification components.
4. **UnitIdentification** – The first instance of this component contains the current unit identifier content. The actual set of elements to include in this component varies depending on the way you choose to reference the current unit. You can use either (A) the unit’s EIS identifier, or (B) your current agency unit identifier.
 - A. This option requires you to include the EIS unit identifier and the “EIS” program system code. When using this option, an end date will automatically be placed on the agency identifier that is being retired.
 - B. This option requires you to include your current agency identifier, your primary agency program system code, and the end date of the current agency unit identifier.
5. **UnitIdentification** – The second instance of this component contains the agency’s new unit identifier content. It includes the agency’s new identifier, the agency’s primary program system code, and effective date of the new agency unit identifier.

The following diagram illustrates the process for changing an emissions unit identifier by referencing the EIS facility identifier.

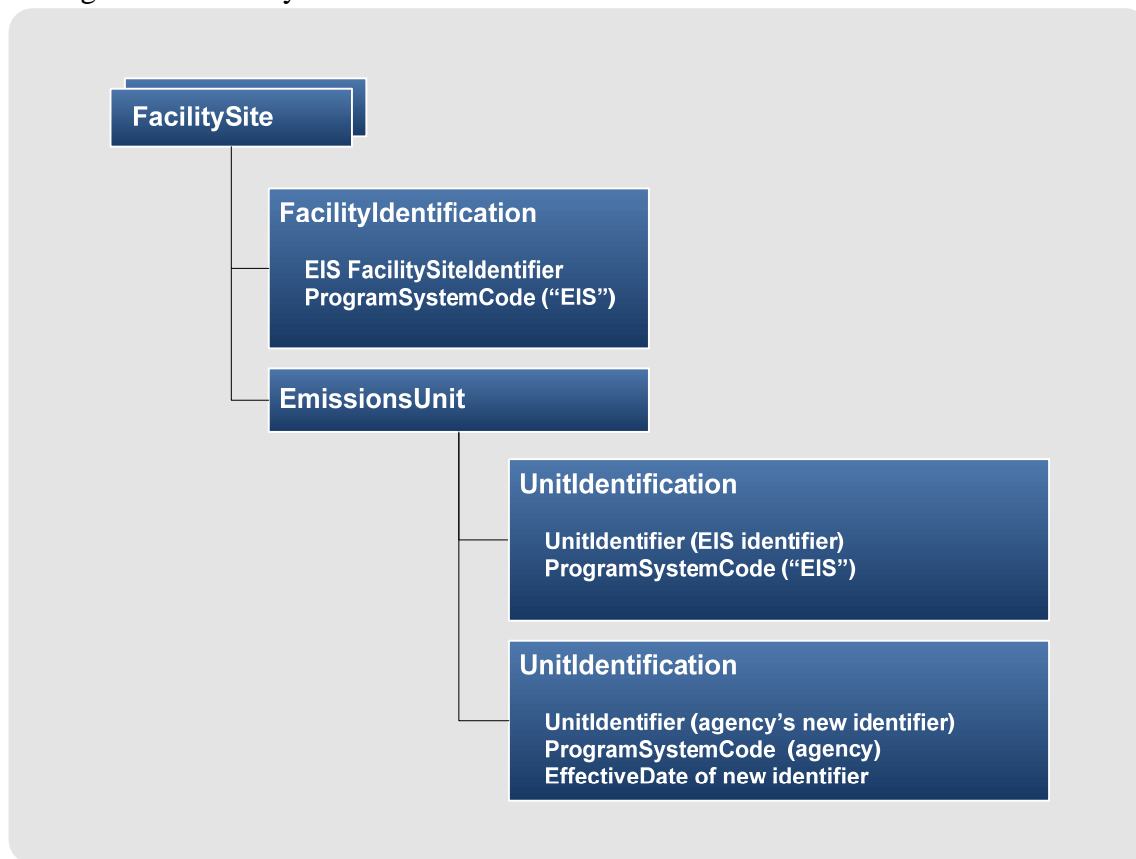


Figure 3: Using the EIS identifier to identify the current facility and unit.

The XML below provides an example of how a member of the North Carolina Department of Air Quality agency would change the agency emissions unit identifier.

```

<cer:FacilitySite>
  <cer:FacilityIdentification>
    <cer:FacilitySiteIdentifier>14211</cer:FacilitySiteIdentifier>
    <cer:ProgramSystemCode>EIS</cer:ProgramSystemCode>
  </cer:FacilityIdentification>
  <cer:EmissionsUnit>
    <cer:UnitIdentification>
      <cer:Identifier>123210</cer:Identifier>
      <cer:ProgramSystemCode>EIS</cer:ProgramSystemCode>
    </cer:UnitIdentification>
    <cer:UnitIdentification>
      <cer:Identifier>NCU-413</cer:Identifier>
      <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
      <cer:EffectiveDate>2008-10-02</cer:EffectiveDate>
    </cer:UnitIdentification>
  </cer:EmissionsUnit>
</cer:FacilitySite>
  
```

EIS Identifier (points to **EIS** in ProgramSystemCode of the first UnitIdentification)

New Agency Identifier (points to **NCU-413** in Identifier of the second UnitIdentification)

Figure 4 show the components and the minimum elements required for changing an emissions unit identifier by referencing the agency's current facility and unit identifiers.

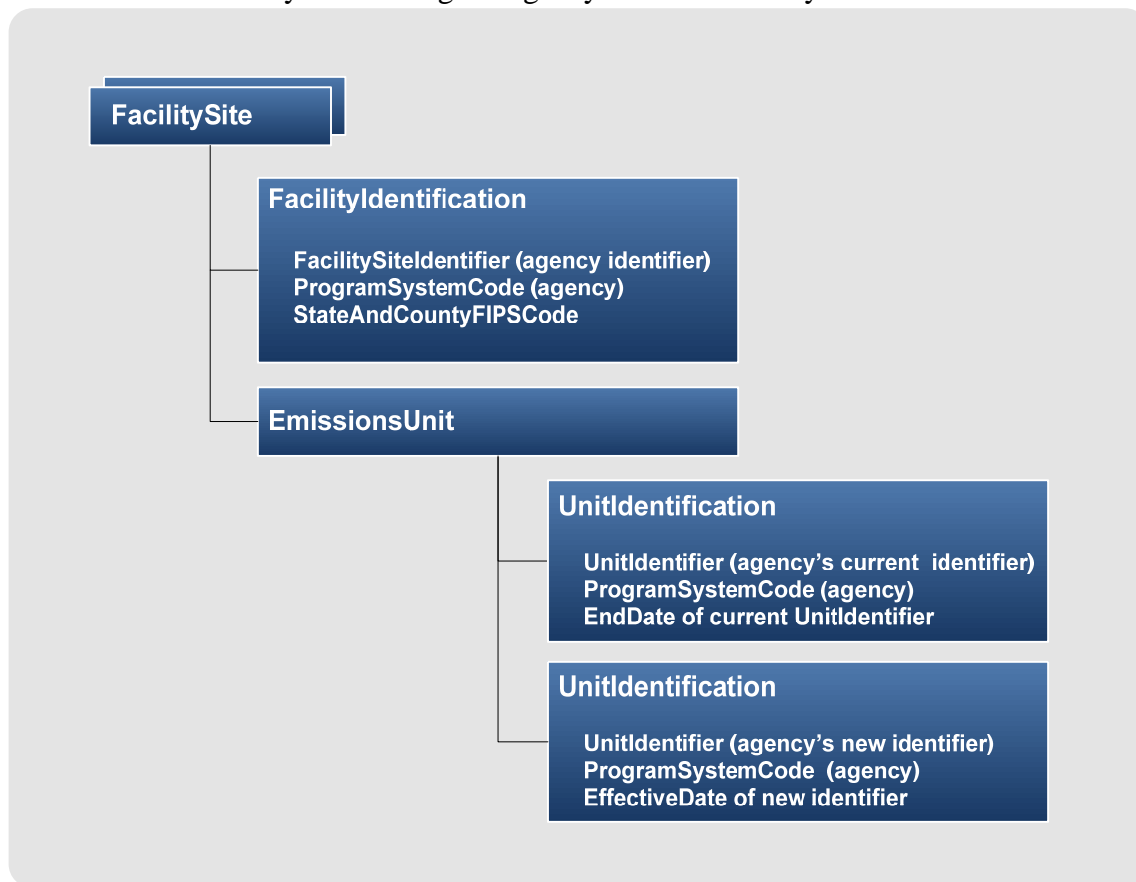


Figure 4: Using the current agency identifier to reference the facility and unit.

The XML below provides an example of how a member of the North Carolina Department of Air Quality agency would change the agency emissions unit identifier.

```

<cer:FacilitySite>
  <cer:FacilityIdentification>
    <cer:FacilitySiteIdentifier>NCFS-001</cer:FacilitySiteIdentifier>
    <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
    <cer:StateAndCountyFIPSCode>37035</cer:StateAndCountyFIPSCode>
  </cer:FacilityIdentification>
  <cer:EmissionsUnit>
    <cer:UnitIdentification>
      <cer:Identifier>NC-P-413</cer:Identifier>
      <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
      <cer:EndDate>2008-10-01</cer:EndDate>
    </cer:UnitIdentification>
    <cer:UnitIdentification>
      <cer:Identifier>NCU-413</cer:Identifier>
      <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
      <cer:EffectiveDate>2008-10-02</cer:EffectiveDate>
    </cer:UnitIdentification>
  </cer:EmissionsUnit>
</cer:FacilitySite>
  
```

Current Agency Identifier

New Agency Identifier

A4.2.3 Release Point Identifiers

If you want to change the identifiers for one or all of your release points, you should provide an XML file with the following components for each facility site and for all the release points at the facility site for which you want to change identifiers. Unlike facility site identifiers and emissions unit identifiers, the release point identifiers you are replacing will not be kept as alternatives. The new identifier will completely replace the previous identifier regardless of effective and end dates.

1. **FacilitySite** – This component has no required elements and serves as a container for the FacilityIdentification components.
2. **FacilityIdentification** – Provide all of the minimum required components and data elements at the facility site identification level. If you choose to identify the facility site by using its EIS identifier, you would include the “EIS” program system code. If you decide to reference the agency facility site identifier, then you must include your primary agency program system code and the state and county FIPS code.
3. **ReleasePoint** – This component has no required elements and serves as a container for the ReleasePointIdentification components.
4. **ReleasePointIdentification** – The first instance of this component contains the current release point identifier content. The actual set of elements to include in this component varies depending on the way you choose to reference the current release point. You can either use (A) the release point’s EIS identifier, or (B) your current agency release point identifier.
 - A. This option requires you to include the EIS release point identifier and the “EIS” program system code.
 - B. This option requires you to include your current agency identifier, your agency program system code, and the end date of the current agency release point identifier. The end date only indicates the intent to change identifiers and will not be stored.
5. **ReleasePointIdentification** – The second instance of this component contains the agency’s new release point identifier content. It includes the agency’s new identifier, and the agency’s primary program system code.

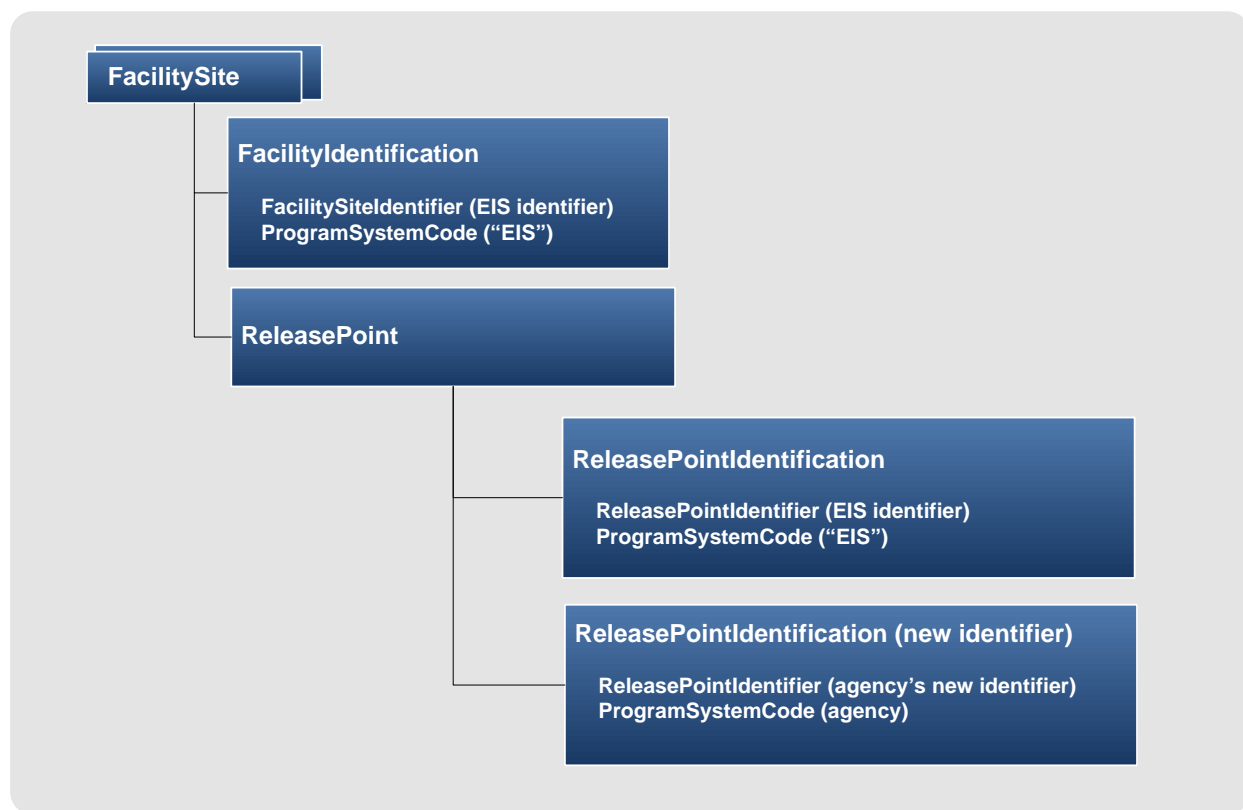


Figure 5: Using the EIS identifier to identify the current facility and release point.

The XML below provides an example of how a member of the North Carolina Department of Air Quality agency would change a release point identifier.

```

<cer:FacilitySite>
  <cer:FacilityIdentification>
    <cer:FacilitySiteIdentifier>14211</cer:FacilitySiteIdentifier>
    <cer:ProgramSystemCode>EIS</cer:ProgramSystemCode>
  </cer:FacilityIdentification>
  <cer:ReleasePoint>
    <cer:ReleasePointIdentification>
      <cer:Identifier>10031</cer:Identifier>
      <cer:ProgramSystemCode>EIS</cer:ProgramSystemCode>
    </cer:ReleasePointIdentification>
    <cer:ReleasePointIdentification>
      <cer:Identifier>RELPT-290</cer:Identifier>
      <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
    </cer:ReleasePointIdentification>
  </cer:ReleasePoint>
</cer:FacilitySite>
  
```

← EIS Identifier

← New Agency Identifier

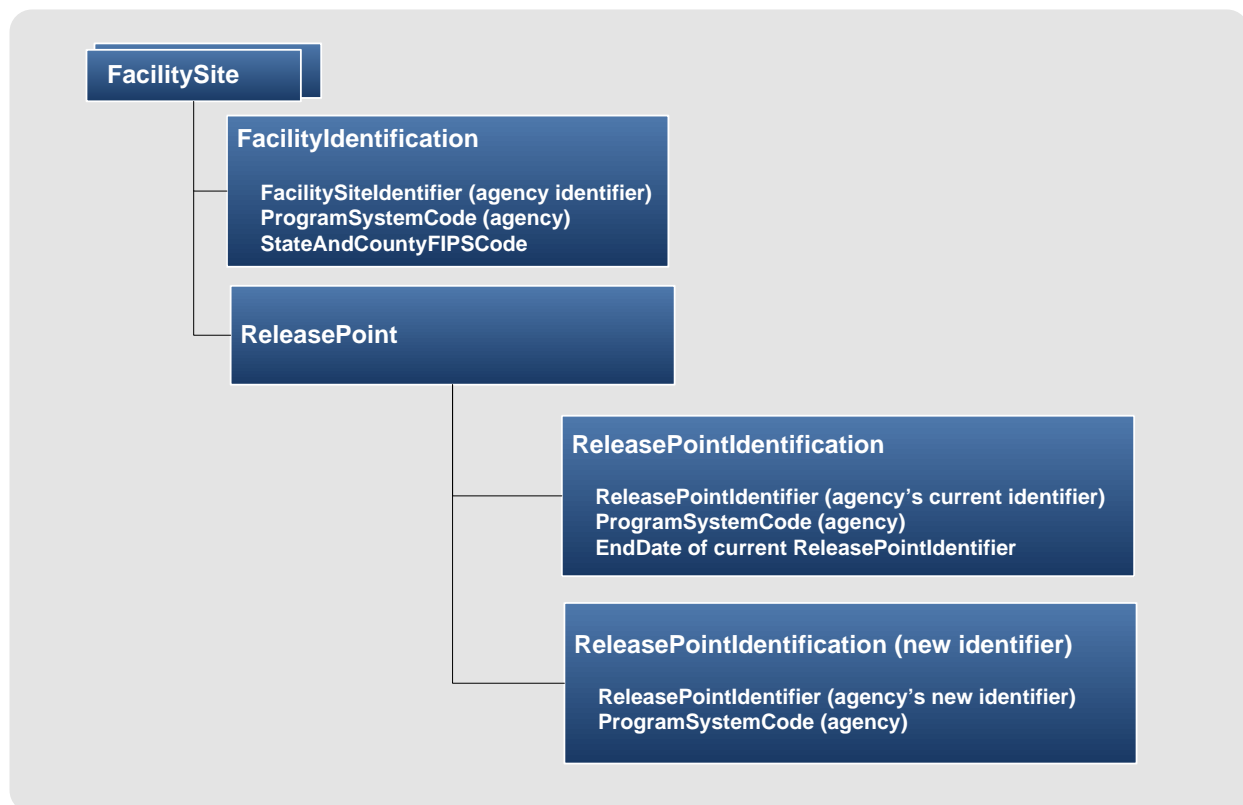


Figure 6: Using the current agency identifier to reference the facility and release point.

The XML below provides an example of how a member of the North Carolina Department of Air Quality agency would change a release point identifier using agency identifier.

```

<cer:FacilitySite>
  <cer:FacilityIdentification>
    <cer:FacilitySiteIdentifier> NCFS-001</cer:FacilitySiteIdentifier>
    <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
    <cer:StateAndCountyFIPSCode>37035</cer:StateAndCountyFIPSCode>
  </cer:FacilityIdentification>
  <cer:ReleasePoint>
    <cer:ReleasePointIdentification>
      <cer:Identifier>RELPT-A29</cer:Identifier>
      <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
      <cer:EndDate>2008-10-01</cer:EndDate>
    </cer:ReleasePointIdentification>
    <cer:ReleasePointIdentification>
      <cer:Identifier>RELPT-290</cer:Identifier>
      <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
    </cer:ReleasePointIdentification>
  </cer:ReleasePoint>
</cer:FacilitySite>
  
```

← **Current Agency Identifier**

← **New Agency Identifier**

A4.2.4 Emissions Process Identifiers

If you want to change identifiers for one or more emissions processes, you should provide an XML file with the following components for each facility site, each emissions unit, and for EACH emissions PROCESS for which you want to change identifiers. Unlike facility site identifiers and emissions unit identifiers, the process identifiers you are replacing will not be kept as alternatives. The new identifier will completely replace the previous identifier regardless of effective and end dates.

1. **FacilitySite** – This component has no required elements and serves as a container for the FacilityIdentification components.
2. **FacilityIdentification** – Provide all of the minimum required components and data elements at the facility site identification level. If you choose to identify the facility site by using its EIS identifier, you would include the “EIS” program system code. If you decide to reference the agency facility site identifier, then you must include your primary agency program system code and the state and county FIPS code.
3. **EmissionsUnit** - This component has no required elements and serves as a container for the UnitIdentification components
4. **UnitIdentification** - Provide all of the minimum required components and data elements at the emissions unit level. If you choose to identify the unit by using its EIS identifier, you would include the “EIS” program system code. If you decide to reference the agency unit identifier, then you must include your primary agency program system code.
5. **UnitEmissionsProcess** – This component has no required elements and serves as a container for the ProcessIdentification components
6. **ProcessIdentification** – The first instance of this component contains the current process identifier content. The actual set of elements to include in this component varies depending on the way you choose to reference the current process. You can either use (A) the process’s EIS identifier, or (B) your current agency process identifier.
 - A. This option requires you to include the EIS process identifier and the “EIS” program system code.
 - B. This option requires you to include your current agency identifier, your agency program system code, and the end date of the current agency process identifier. The end date only indicates the intent to change identifiers and will not be stored.
7. **ProcessIdentification** – The second instance of this component contains the agency’s new process identifier content. It includes the agency’s new identifier, and the agency’s primary program system code.

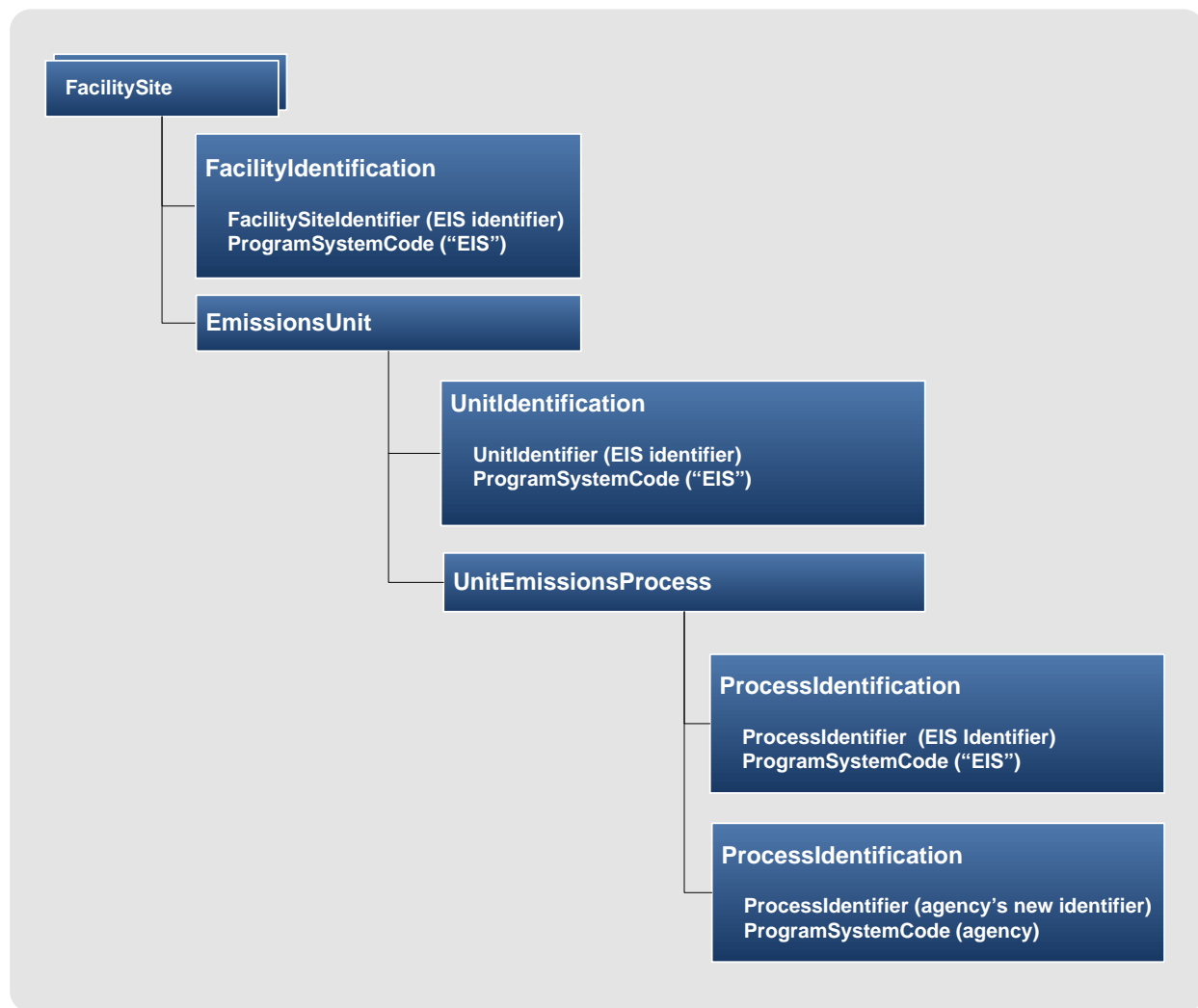


Figure 7: Using the EIS identifier to identify the current facility, unit, and process.

The XML below provides an example of how a member of the North Carolina Department of Air Quality agency would change the agency emissions process identifier.

```

<cer:FacilitySite>
  <cer:FacilityIdentification>
    <cer:FacilitySiteIdentifier>14211</cer:FacilitySiteIdentifier>
    <cer:ProgramSystemCode>EIS</cer:ProgramSystemCode>
  </cer:FacilityIdentification>
  <cer:EmissionsUnit>
    <cer:UnitIdentification>
      <cer:Identifier>123210</cer:Identifier>
      <cer:ProgramSystemCode>EIS</cer:ProgramSystemCode>
    </cer:UnitIdentification>
    <cer:UnitEmissionsProcess>
      <cer:ProcessIdentification>
        <cer:Identifier>2314</cer:Identifier>
        <cer:ProgramSystemCode> EIS </cer:ProgramSystemCode>
      </cer:ProcessIdentification>
      <cer:ProcessIdentification>
        <cer:Identifier>PR-123</cer:Identifier>
        <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
      </cer:ProcessIdentification>
    </cer:UnitEmissionsProcess>
  </cer:EmissionsUnit>
</cer:FacilitySite>

```

The diagram illustrates the change of the agency emissions process identifier. It shows two process identification blocks. The first block has an identifier of 2314 and a program system code of EIS. The second block has an identifier of PR-123 and a program system code of NCDAQ. A red arrow points from the label 'EIS Identifier' to the 'EIS' value in the first block. Another red arrow points from the label 'New Agency Identifier' to the 'NCDAQ' value in the second block.

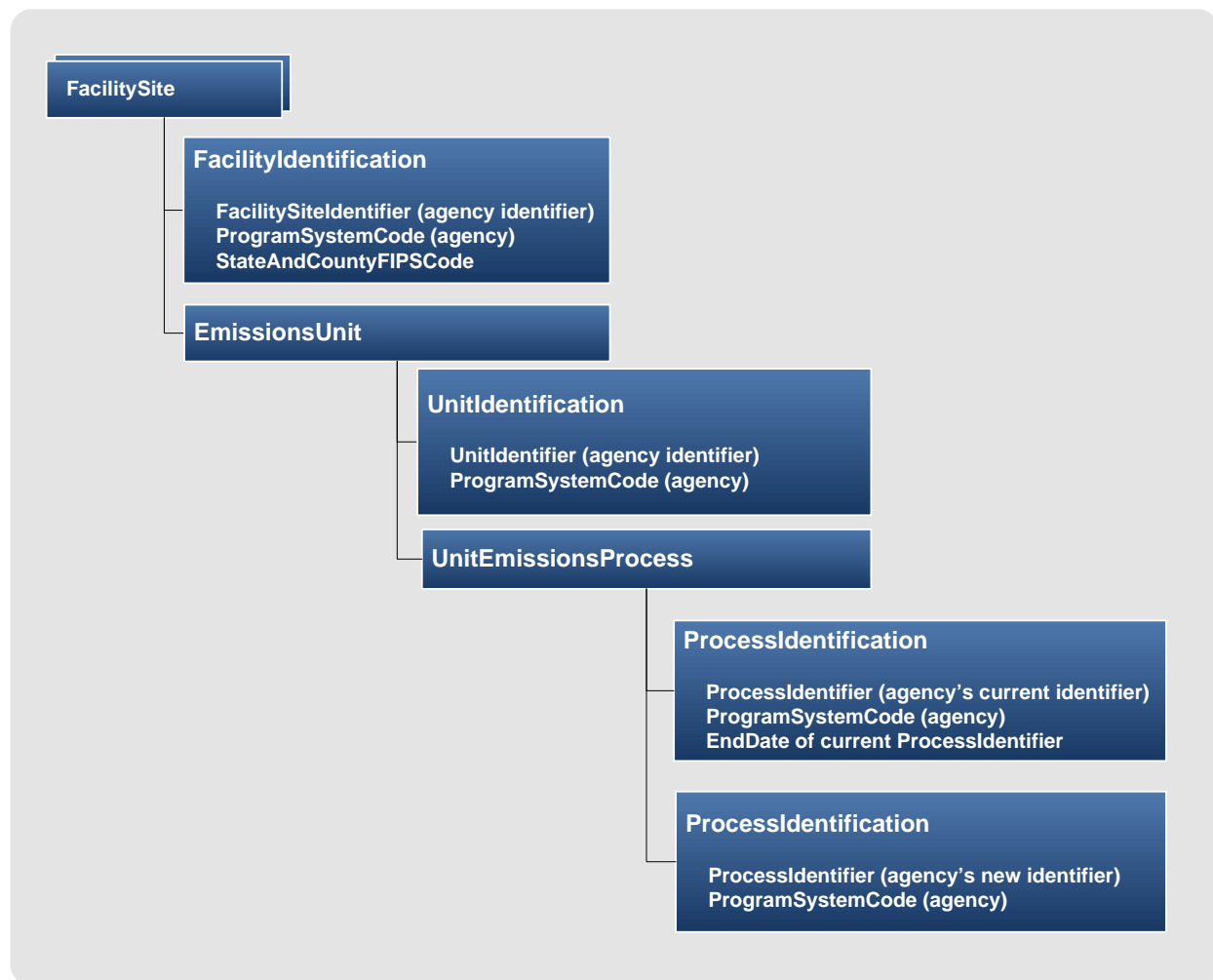


Figure 8: Using the agency identifier to identify the current facility, unit, and process.

The XML below provides an example of how a member of the North Carolina Department of Air Quality agency would change the agency emissions process identifier.

```

<cer:FacilitySite>
  <cer:FacilityIdentification>
    <cer:FacilitySiteIdentifier>NCFS-001</cer:FacilitySiteIdentifier>
    <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
    <cer:StateAndCountyFIPSCode>37035</cer:StateAndCountyFIPSCode>
  </cer:FacilityIdentification>
  <cer:EmissionsUnit>
    <cer:UnitIdentification>
      <cer:Identifier>NCU-413</cer:Identifier>
      <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
    </cer:UnitIdentification>
    <cer:UnitEmissionsProcess>
      <cer:ProcessIdentification>
        <cer:Identifier>00123A</cer:Identifier>
        <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
        <cer:EndDate>2008-10-01</cer:EndDate>
      </cer:ProcessIdentification>
      <cer:ProcessIdentification>
        <cer:Identifier>PR-123</cer:Identifier>
        <cer:ProgramSystemCode>NCDAQ</cer:ProgramSystemCode>
      </cer:ProcessIdentification>
    </cer:UnitEmissionsProcess>
  </cer:EmissionsUnit>
</cer:FacilitySite>

```

Current Agency Identifier

New Agency Identifier

A4.3 Changing all identifiers to a new primary Program System Code.

If you want to change all of your identifiers to a new primary Program System Code, please be prepared to do so for all facility sites, emissions unit, release points, and processes.

1. Contact the EPA to have a new program system code created.
2. Add identifiers for all active facility sites, emissions units, release points, and processes with the new program system code. Initially the facility site and emissions unit identifiers you added will appear in the alternate identifiers list. The release point and process identifiers will replace the existing identifiers. You will not be able to submit emissions using these new identifiers until the new program system code is your primary programs system code.
3. Contact the EPA to have the new program system code changed to be the primary program system code. The identifiers associated with the new primary program system code will now appear as your agency identifiers and the old identifiers will appear as alternate identifiers. You may now submit emissions using these identifiers.