

**EXHIBIT C-1**  
**MIDAMERICAN ENERGY COMPANY**  
**Specifications for Pipeline**

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| <b>Permit Number:</b> 1180  | <b>Docket Number:</b> P-0831                    |
| <b>MAOP ID:</b> 670         | <b>Pipeline Name:</b> DUBUQUE-DAVENPORT LATERAL |
| <b>Service Center:</b> BTSC | <b>Operating Pressure:</b> 960                  |
| <b>Line Number:</b> IAQC619 | <b>Design MAOP:</b> 960                         |

**Pipe Specifications:**

|                         |           |                                                  |
|-------------------------|-----------|--------------------------------------------------|
| Install Date:           | 6/27/1996 |                                                  |
| Internal Diameter (in): | 15.562    | Wall thickness (in): 0.219                       |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS): 60000                  |
| Weight per foot (lb):   | 36.91     | Pipe Specification (API, ASME): API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe: Geneva Steel               |
| % SMYS at MAOP:         | 58.45%    | Type of coating: FBE                             |
|                         |           | Length (mi): 2.78                                |
|                         |           | Test Date: 3/13/1996                             |
|                         |           | Test Pressure: 1618                              |
|                         |           | Test Medium: WATER                               |
|                         |           |                                                  |
| Install Date:           | 6/27/1996 |                                                  |
| Internal Diameter (in): | 15.438    | Wall thickness (in): 0.281                       |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS): 60000                  |
| Weight per foot (lb):   | 47.17     | Pipe Specification (API, ASME): API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe: Geneva Steel               |
| % SMYS at MAOP:         | 45.55%    | Type of coating: FBE                             |
|                         |           | Length (mi): 0.52                                |
|                         |           | Test Date: 3/13/1996                             |
|                         |           | Test Pressure: 1618                              |
|                         |           | Test Medium: WATER                               |
|                         |           |                                                  |
| Install Date:           | 6/27/1996 |                                                  |
| Internal Diameter (in): | 15.562    | Wall thickness (in): 0.219                       |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS): 60000                  |
| Weight per foot (lb):   | 36.91     | Pipe Specification (API, ASME): API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe: Geneva Steel               |
| % SMYS at MAOP:         | 58.45%    | Type of coating: FBE                             |
|                         |           | Length (mi): 11.55                               |
|                         |           | Test Date: 3/17/1996                             |
|                         |           | Test Pressure: 1626                              |
|                         |           | Test Medium: WATER                               |

**EXHIBIT C-1**  
**MIDAMERICAN ENERGY COMPANY**  
**Specifications for Pipeline**

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| <b>Permit Number:</b> 1180  | <b>Docket Number:</b> P-0831                    |
| <b>MAOP ID:</b> 670         | <b>Pipeline Name:</b> DUBUQUE-DAVENPORT LATERAL |
| <b>Service Center:</b> BTSC | <b>Operating Pressure:</b> 960                  |
| <b>Line Number:</b> IAQC619 | <b>Design MAOP:</b> 960                         |

**Pipe Specifications:**

|                         |           |                                 |                  |
|-------------------------|-----------|---------------------------------|------------------|
| Install Date:           | 6/27/1996 |                                 |                  |
| Internal Diameter (in): | 15.438    | Wall thickness (in):            | 0.281            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 60000            |
| Weight per foot (lb):   | 47.17     | Pipe Specification (API, ASME): | API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Geneva Steel     |
| % SMYS at MAOP:         | 45.55%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 2.55             |
|                         |           | Test Date:                      | 3/17/1996        |
|                         |           | Test Pressure:                  | 1626             |
|                         |           | Test Medium:                    | WATER            |

|                         |           |                                 |                  |
|-------------------------|-----------|---------------------------------|------------------|
| Install Date:           | 6/27/1996 |                                 |                  |
| Internal Diameter (in): | 15.250    | Wall thickness (in):            | 0.375            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 52000            |
| Weight per foot (lb):   | 62.58     | Pipe Specification (API, ASME): | API 5L GRADE X52 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Geneva Steel     |
| % SMYS at MAOP:         | 39.38%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 0.05             |
|                         |           | Test Date:                      | 3/17/1996        |
|                         |           | Test Pressure:                  | 1626             |
|                         |           | Test Medium:                    | WATER            |

|                         |           |                                 |                  |
|-------------------------|-----------|---------------------------------|------------------|
| Install Date:           | 6/27/1996 |                                 |                  |
| Internal Diameter (in): | 15.562    | Wall thickness (in):            | 0.219            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 60000            |
| Weight per foot (lb):   | 36.91     | Pipe Specification (API, ASME): | API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Geneva Steel     |
| % SMYS at MAOP:         | 58.45%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 12.24            |
|                         |           | Test Date:                      | 6/19/1996        |
|                         |           | Test Pressure:                  | 1528             |
|                         |           | Test Medium:                    | WATER            |

**EXHIBIT C-1**  
**MIDAMERICAN ENERGY COMPANY**  
**Specifications for Pipeline**

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| <b>Permit Number:</b> 1180  | <b>Docket Number:</b> P-0831                    |
| <b>MAOP ID:</b> 670         | <b>Pipeline Name:</b> DUBUQUE-DAVENPORT LATERAL |
| <b>Service Center:</b> BTSC | <b>Operating Pressure:</b> 960                  |
| <b>Line Number:</b> IAQC619 | <b>Design MAOP:</b> 960                         |

**Pipe Specifications:**

|                         |           |                                 |                  |
|-------------------------|-----------|---------------------------------|------------------|
| Install Date:           | 6/27/1996 |                                 |                  |
| Internal Diameter (in): | 15.438    | Wall thickness (in):            | 0.281            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 60000            |
| Weight per foot (lb):   | 47.17     | Pipe Specification (API, ASME): | API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Geneva Steel     |
| % SMYS at MAOP:         | 45.55%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 0.12             |
|                         |           | Test Date:                      | 6/19/1996        |
|                         |           | Test Pressure:                  | 1528             |
|                         |           | Test Medium:                    | WATER            |

|                         |           |                                 |                  |
|-------------------------|-----------|---------------------------------|------------------|
| Install Date:           | 6/27/1996 |                                 |                  |
| Internal Diameter (in): | 15.562    | Wall thickness (in):            | 0.219            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 60000            |
| Weight per foot (lb):   | 36.91     | Pipe Specification (API, ASME): | API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Geneva Steel     |
| % SMYS at MAOP:         | 58.45%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 13.15            |
|                         |           | Test Date:                      | 6/20/1996        |
|                         |           | Test Pressure:                  | 1601             |
|                         |           | Test Medium:                    | WATER            |

|                         |           |                                 |                  |
|-------------------------|-----------|---------------------------------|------------------|
| Install Date:           | 6/27/1996 |                                 |                  |
| Internal Diameter (in): | 15.562    | Wall thickness (in):            | 0.219            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 60000            |
| Weight per foot (lb):   | 36.91     | Pipe Specification (API, ASME): | API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Geneva Steel     |
| % SMYS at MAOP:         | 58.45%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 18.18            |
|                         |           | Test Date:                      | 6/27/1996        |
|                         |           | Test Pressure:                  | 1630             |
|                         |           | Test Medium:                    | WATER            |

**EXHIBIT C-1**  
**MIDAMERICAN ENERGY COMPANY**  
**Specifications for Pipeline**

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| <b>Permit Number:</b> 1180  | <b>Docket Number:</b> P-0831                    |
| <b>MAOP ID:</b> 670         | <b>Pipeline Name:</b> DUBUQUE-DAVENPORT LATERAL |
| <b>Service Center:</b> BTSC | <b>Operating Pressure:</b> 960                  |
| <b>Line Number:</b> IAQC619 | <b>Design MAOP:</b> 960                         |

**Pipe Specifications:**

|                         |           |                                 |                  |
|-------------------------|-----------|---------------------------------|------------------|
| Install Date:           | 6/27/1996 |                                 |                  |
| Internal Diameter (in): | 15.438    | Wall thickness (in):            | 0.281            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 60000            |
| Weight per foot (lb):   | 47.17     | Pipe Specification (API, ASME): | API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Geneva Steel     |
| % SMYS at MAOP:         | 45.55%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 0.91             |
|                         |           | Test Date:                      | 6/27/1996        |
|                         |           | Test Pressure:                  | 1630             |
|                         |           | Test Medium:                    | WATER            |
|                         |           |                                 |                  |
| Install Date:           | 6/27/1996 |                                 |                  |
| Internal Diameter (in): | 15.250    | Wall thickness (in):            | 0.375            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 52000            |
| Weight per foot (lb):   | 62.58     | Pipe Specification (API, ASME): | API 5L GRADE X52 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Geneva Steel     |
| % SMYS at MAOP:         | 39.38%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 0.16             |
|                         |           | Test Date:                      | 6/27/1996        |
|                         |           | Test Pressure:                  | 1630             |
|                         |           | Test Medium:                    | WATER            |
|                         |           |                                 |                  |
| Install Date:           | 6/27/1996 |                                 |                  |
| Internal Diameter (in): | 15.438    | Wall thickness (in):            | 0.281            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 60000            |
| Weight per foot (lb):   | 47.17     | Pipe Specification (API, ASME): | API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Geneva Steel     |
| % SMYS at MAOP:         | 45.55%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 0.15             |
| Original Test Date:     | 3/17/1996 | Test Date:                      | 8/10/2004        |
| Original Test Pressure: | 1626      | Test Pressure:                  | 1500             |
| Original Test Medium:   | WATER     | Test Medium:                    | NITROGEN         |

**EXHIBIT C-1**  
**MIDAMERICAN ENERGY COMPANY**  
**Specifications for Pipeline**

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| <b>Permit Number:</b> 1180  | <b>Docket Number:</b> P-0831                    |
| <b>MAOP ID:</b> 670         | <b>Pipeline Name:</b> DUBUQUE-DAVENPORT LATERAL |
| <b>Service Center:</b> BTSC | <b>Operating Pressure:</b> 960                  |
| <b>Line Number:</b> IAQC619 | <b>Design MAOP:</b> 960                         |

**Pipe Specifications:**

|                         |           |                                 |                  |
|-------------------------|-----------|---------------------------------|------------------|
| Install Date:           | 12/5/1998 |                                 |                  |
| Internal Diameter (in): | 15.250    | Wall thickness (in):            | 0.375            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 52000            |
| Weight per foot (lb):   | 62.58     | Pipe Specification (API, ASME): | API 5L GRADE X52 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | UNKNOWN          |
| % SMYS at MAOP:         | 39.38%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 0.06             |
|                         |           | Test Date:                      | 12/5/1998        |
|                         |           | Test Pressure:                  | 1560             |
|                         |           | Test Medium:                    | NITROGEN         |
|                         |           |                                 |                  |
| Install Date:           | 3/30/2006 |                                 |                  |
| Internal Diameter (in): | 15.438    | Wall thickness (in):            | 0.281            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 60000            |
| Weight per foot (lb):   | 47.17     | Pipe Specification (API, ASME): | API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | US Steel         |
| % SMYS at MAOP:         | 45.55%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 0.18             |
|                         |           | Test Date:                      | 3/30/2006        |
|                         |           | Test Pressure:                  | 1445             |
|                         |           | Test Medium:                    | NITROGEN         |
|                         |           |                                 |                  |
| Install Date:           | 5/2/2012  |                                 |                  |
| Internal Diameter (in): | 15.438    | Wall thickness (in):            | 0.281            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 60000            |
| Weight per foot (lb):   | 47.17     | Pipe Specification (API, ASME): | API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Shaw             |
| % SMYS at MAOP:         | 45.55%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 0.03             |
|                         |           | Test Date:                      | 5/2/2012         |
|                         |           | Test Pressure:                  | 1550             |
|                         |           | Test Medium:                    | WATER            |

**EXHIBIT C-1**  
**MIDAMERICAN ENERGY COMPANY**  
**Specifications for Pipeline**

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| <b>Permit Number:</b> 1180  | <b>Docket Number:</b> P-0831                    |
| <b>MAOP ID:</b> 670         | <b>Pipeline Name:</b> DUBUQUE-DAVENPORT LATERAL |
| <b>Service Center:</b> BTSC | <b>Operating Pressure:</b> 960                  |
| <b>Line Number:</b> IAQC619 | <b>Design MAOP:</b> 960                         |

**Pipe Specifications:**

|                         |           |                                 |                  |
|-------------------------|-----------|---------------------------------|------------------|
| Install Date:           | 6/27/1996 |                                 |                  |
| Internal Diameter (in): | 15.562    | Wall thickness (in):            | 0.219            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 60000            |
| Weight per foot (lb):   | 36.91     | Pipe Specification (API, ASME): | API 5L GRADE X60 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | Geneva Steel     |
| % SMYS at MAOP:         | 58.45%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 0.08             |
| Original Test Date:     | 6/20/1996 | Test Date:                      | 5/2/2012         |
| Original Test Pressure: | 1601      | Test Pressure:                  | 1550             |
| Original Test Medium:   | WATER     | Test Medium:                    | WATER            |

|                         |           |                                 |                  |
|-------------------------|-----------|---------------------------------|------------------|
| Install Date:           | 9/21/2018 |                                 |                  |
| Internal Diameter (in): | 15.250    | Wall thickness (in):            | 0.375            |
| External Diameter (in): | 16.000    | Minimum Yield psi (SMYS):       | 52000            |
| Weight per foot (lb):   | 62.58     | Pipe Specification (API, ASME): | API 5L GRADE X52 |
| Longitudinal seam type: | ERW       | Manufacturer of pipe:           | IPSCO            |
| % SMYS at MAOP:         | 45.55%    | Type of coating:                | FBE              |
|                         |           | Length (mi):                    | 0.06             |
|                         |           | Test Date:                      | 9/21/2018        |
|                         |           | Test Pressure:                  | 1550             |
|                         |           | Test Medium:                    | WATER            |

**Total Mileage: 62.77**