

Appendices

- A. *Cost Analysis of Closed Cycle Cooling Tower System for Management of Thermal Discharge and Cooling Water Intake for Brayton Point Station.* Abt Associates, Inc., August 20, 2003.
- B. *Estimated Electricity Rate Impacts of Thermal Discharge/Cooling Water Intake Permit for Brayton Point Station—Update of Prior Analysis and Response to Comments.* Abt Associates, Inc., August 20, 2003.
- C. Update of Social Cost Analysis for Closed Cycle System Installation at Brayton Point Station. Memorandum from Michael Fisher and Riley Newbert, Abt Associates, Inc., to Mark Stein and Damien Houlihan, USEPA Region 1, and Shari Goodwin, Tetra Tech, Inc., August 20, 2003.
- D. Response to Comments on Notice of Data Availability, Proposed Regulations to Establish Requirements for Cooling Water Intake Structures at Phase II Existing Facilities Submitted by PG&E to EPA Region 1. Memorandum from Elena Besedin, Marisa Mazotta, and Robert Johnston, Abt Associates, Inc., to Mark Stein and Phil Colarusso, USEPA Region 1, August 28, 2003.
- E. Meta-Analysis of Non-Use Benefits. Memorandum from Elena Besedin, Ryan Wardwell, and Michael Fisher, Abt Associates, Inc., to Mark Stein and Phil Colarusso, USEPA Region 1, September 2, 2003.
- F. Response to Comments on Assessment of Recreational Fishing Benefits Presented in EPA Region 1's July 22, 2002, Draft Determination on the NPDES Permit for Brayton Point Station, Somerset, MA. Memorandum from Svetlana Semenova, Elena Besedin, and Michael Fisher, Abt Associates, Inc., to Mark Stein and Phil Colarusso, USEPA Region 1, September 2, 2003.
- G. Response to Comments on the Habitat Replacement Analysis of I&E Losses at Brayton Point. Memorandum from Elena Besedin, Ryan Wardwell, and Michael Fisher, Abt Associates, Inc., to Mark Stein and Phil Colarusso, USEPA Region 1, September 2, 2003.
- H. Response to Comments on Non-Use Benefits Presented in EPA Region 1's July 22, 2002, Draft Determinations on the NPDES Permit for Brayton Point Station, Somerset, MA. Memorandum from Elena Besedin and Ryan Wardwell, Abt Associates, Inc., to Mark Stein and Phil Colarusso, USEPA Region 1, September 2, 2003.
- I. Non-Use Benefits Break-Even Analysis for Brayton Point. Memorandum from Elena Besedin and Ryan Wardwell, Abt Associates, Inc., to Phil Colarusso and Mark Stein, USEPA Region 1, September 19, 2003.

- J. Potential Effects of Revised I&E Estimates Submitted by Stratus Consulting on September 16, 2003 on the Estimated Benefits of Installation of Cooling Towers at BPS. Memorandum from Elena Besedin, Abt Associates, Inc., to Mark Stein and Phil Colarusso, USEPA Region 1, September 18, 2003.
- K. Response to Comments on Assessment of Recreational Fishing Benefits Presented in EPA Region 1's July 22, 2002, Draft Determination on the NPDES Permit for Brayton Point Station, Somerset, MA. Memorandum from Svetlana Semenova, Elena Besedin, and Michael Fisher, Abt Associates, Inc., to Mark Stein and Phil Colarusso, USEPA Region 1, September 18, 2003.
- L. *Brayton Point Power Station Cooling Towers Noise Impact Assessment, Project Report.* Hatch, Inc., September 29, 2003.
- M. *An Evaluation of Cooling Tower Plume Studies Done for the Brayton Point Generating Station.* MFG, Inc., July 2003.
- N. Comparison of Cooling Tower Costs. SAIC, 2003.
- O. Technical Memorandum No. 1: Brayton Point Comment Summary and Response. Memorandum from Gary Petrazzuolo, SAIC, to Damien Houlihan, USEPA Region 1, and Shari Goodwin, Tetra Tech, Inc., September 15, 2003.
- P. Technical Memorandum No. 2: Revisions to and Results from the Clean Water Act Section 316(b) Cost Methodology for the Brayton Point Station. Memorandum from Gary Petrazzuolo, SAIC, to Damien Houlihan, USEPA Region 1, and Shari Goodwin, Tetra Tech, Inc., September 15, 2003.
- Q. Technical Memorandum No. 3: Statistical Analysis of USGen Costs versus SAIC Costs. Memorandum from Gary Petrazzuolo, SAIC, to Damien Houlihan, USEPA Region 1, and Shari Goodwin, Tetra Tech, Inc., September 15, 2003.
- R. Technical Memorandum No. 4: Construction Cost Monetary Outlay Schedule. Memorandum from Faysal Bekdash, SAIC, to Damien Houlihan, USEPA Region 1, and Shari Goodwin, Tetra Tech, Inc., September 15, 2003.
- S. Technical Memorandum No. 5: Summary of Brayton Point Cost Analyses. Memorandum from Gary Petrazzuolo, SAIC, to Damien Houlihan, USEPA Region 1, and Shari Goodwin, Tetra Tech, Inc., September 15, 2003.
- T. Technical Memorandum No. 6: Estimation of Number of Cooling Towers for Closed Cycle Entire Station. Memorandum from John Sunda, SAIC, to Damien Houlihan, USEPA Region 1, and Shari Goodwin, Tetra Tech, Inc., September 15, 2003.
- U. Technical Memorandum No. 7: Brayton Point Station Trip Report. Memorandum from Faysal Bekdash and Ronald Guthrie, SAIC, to Damien Houlihan, USEPA Region 1, and

Shari Goodwin, Tetra Tech, Inc., September 15, 2003.

- V. Recommendations re Recreational Fishing Losses at Brayton Point. Stratus Consulting Inc., September 16, 2003.
- W. Recommendations re Commercial Fishing Losses and Benefits at Brayton Point. Stratus Consulting Inc., September 19, 2003
- X. Responses to Comments on EPA New England's July 22, 2002, Determination on the New Draft NPDES Permit for the Brayton Point Station, Somerset, MA. Memorandum from Liz Strange, Rob Raucher, David Allen, Dave Mills, Dave Cacula, and Tom Ottem, Stratus Consulting Inc., to Phil Colarusso, USEPA Region 1, September 16, 2003.