

# Tables

2-1	Fort Calhoun Station Transmission-Line Corridor .....	2-15
2-2	Federally Listed and Nebraska and Iowa State-Listed Aquatic Species Potentially Occurring in Washington, Douglas, Harrison, and Pottawattamie Counties .....	2-24
2-3	Terrestrial Species Listed as Endangered or Threatened or Candidates for Listing by the FWS or the States of Iowa and Nebraska That Occur or Potentially Occur Within Washington County, Nebraska, and Harrison County, Iowa .....	2-30
2-4	Fort Calhoun Station, Unit 1—Employee Residence Information by County .....	2-34
2-5	Housing Units and Housing Units Vacant (Available) by County During 1990 and 2000 .....	2-35
2-6	School District Enrollment in Counties with Significant Numbers of Fort Calhoun Station Employees .....	2-37
2-7	Regional Demographies .....	2-41
2-8	Population Distribution in 2000 Within 80 km (50 mi) of Fort Calhoun Station .....	2-41
2-9	Fort Calhoun Station, Unit 1 Contributions to County Operating Budgets .....	2-44
3-1	Category 1 Issues for Refurbishment Evaluation .....	3-2
3-2	Category 2 Issues for Refurbishment Evaluation .....	3-3
4-1	Category 1 Issues Applicable to the Operation of the Fort Calhoun Station, Unit 1 Cooling System During the Renewal Term .....	4-2
4-2	Category 2 Issues Applicable to the Operation of the Fort Calhoun Station, Unit 1 Cooling System During the Renewal Term .....	4-10
4-3	Category 1 Issues Applicable to the Transmission Line During the Renewal Term ....	4-20
4-4	Category 2 and Uncategorized Issues Applicable to the Transmission Line During the Renewal Term .....	4-22
4-5	Category 1 Issues Applicable to Radiological Impacts of Normal Operations During the Renewal Term .....	4-24
4-6	Category 1 Issues Applicable to Socioeconomics During the Renewal Term .....	4-26
4-7	Environmental Justice and GEIS Category 2 Issues Applicable to Socioeconomics During the Renewal Term .....	4-27
4-8	Category 1 Issue Applicable to Groundwater Use and Quality During the Renewal Term .....	4-40
4-9	Category 2 Issue Applicable to Threatened or Endangered Species During the Renewal Term .....	4-41
5-1	Category 1 Issue Applicable to Postulated Accidents During the Renewal Term .....	5-3
5-2	Category 2 Issue Applicable to Postulated Accidents During the Renewal Term .....	5-4
5-3	Fort Calhoun Station, Unit 1 CDF for Internal Events .....	5-7
5-4	Breakdown of Population Dose by Containment Release Mode .....	5-8

5-5 SAMA Cost/Benefit Screening Analysis ..... 5-17

5-6 Uncertainty in the Calculated CDF for Fort Calhoun Station, Unit 1 ..... 5-25

6-1 Category 1 Issues Applicable to the Uranium Fuel Cycle and Solid-Waste Management During the Renewal Term ..... 6-2

7-1 Category 1 Issues Applicable to the Decommissioning of Fort Calhoun Station, Unit 1 Following the Renewal Term ..... 7-2

8-1 Summary of Environmental Impacts of the No-Action Alternative ..... 8-2

8-2 Summary of Environmental Impacts of Coal-Fired Generation at Fort Calhoun Station and the alternate site (the Nebraska City Site) Using Once-Through Cooling ..... 8-8

8-3 Summary of Environmental Impacts of Coal-Fired Generation at the Nebraska City Site with a Closed-Cycle Cooling System Using Cooling Towers ..... 8-22

8-4 Summary of Environmental Impacts of Natural-Gas-Fired Generation at Fort Calhoun Station Using a Once-Through Cooling System and the Cass County Site Using a Closed-Cycle Cooling System ..... 8-24

8-5 Summary of Environmental Impacts of Natural-Gas-Fired Generation at the Fort Calhoun Station Site with Closed-Cycle Cooling Towers ..... 8-32

8-6 Summary of Environmental Impacts of New Nuclear Power Generation at Fort Calhoun Station and an Alternate Nebraska/Greenfield Site Using Once-Through Cooling ..... 8-34

8-7 Summary of Environmental Impacts of a New Nuclear Power Plant Sited at an Alternate Site with Closed-Cycle Cooling ..... 8-41

8-8 Summary of Environmental Impacts of 320 MW(e) of Natural-Gas-Fired Generation and 160 MW(e) from DSM Measures ..... 8-51

9-1 Summary of Environmental Significance of License Renewal, the No-Action Alternative, and Alternative Methods of Generation ..... 9-7

A-1 Individuals Providing Comments During the Scoping Comment Period ..... A-2

A-2 Fort Calhoun Station, Unit 1 SEIS Comment Log ..... A-26

E-1 Federal, State, Local, and Regional Licenses, Permits, Consultations, and Other Approvals for Current Fort Calhoun Station, Unit 1 Operation ..... E-2

F-1 GEIS Environmental Issues Not Applicable to Fort Calhoun Station, Unit 1 ..... F-1