

LIST OF PREPARERS^a

Name	Area of Responsibility															
	Section					Appendix										
	S	1	2	3	4	5	A	B	C	D	E	F	G	H	I	J
C. L. Anthony				X	X						X			X		
B. H. Bradford				X												
P. N. Brandt				X	X				X			X				
J. A. Cudworth						X										
J. A. Davis				X	X						X					
R. J. Dever				X	X											
R. S. Diamond						X										
J. A. DiMarzio				X												
Y. H. Faraz					X								X			
P. H. Feldhausen				X	X					X						
G. P. Friday				X	X					X		X				
M. I. Goldman ^c	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
A. B. Gould ^d	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
A. M. Hale				X	X	X				X		X				
R. H. Huang			X					X								
M. A. Jennison						X										
W. E. Joyce								X			X		X			
J. M. Koerner				X	X				X		X		X			
B. C. Marcy ^c	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
G. B. McGean				X	X											
D. C. Navecky				X	X											
R. S. Nugent			X		X		X		X							
J. F. O'Brien				X												
J. L. Oliver ^c	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
W. L. Poppe			X	X	X					X						
I. J. Samec ^b	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
R. L. Schlegel				X	X								X			
M. Septoff				X	X											
J. O. Shipman ^e	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
R. L. Shoup ^b	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
R. P. Solomon				X												
S. R. Tammara					X											
J. E. Tkac			X													
A. L. Toblin			X		X			X								
D. D. Tuckhorn			X													
W. R. Weiss			X		X				X	X					X	X
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TC

LIST OF PREPARERS^a
(CONTINUED)

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	Section							Appendix								
	S	1	2	3	4	5	A	B	C	D	E	F	G	H	I	J
P. C. Whitney			X													
W. E. Wisenbaker ^d	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
C. A. Yates				X						X						

- a. This final environmental impact statement was reviewed and approved in accordance with DOE Order 5440.1C, Implementation of the National Environmental Policy Act.
- b. Primary Reviewer of Draft EIS for NUS Corporation.
- c. Primary Reviewer of Draft and Final EIS for NUS Corporation.
- d. Primary Reviewer of Draft and Final EIS for DOE Savannah River Operations Office.
- e. Technical Editor.

LIST OF PREPARERS

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EXPERIENCE
TECHNICAL SPECIALTY Five years. Socioeconomic impact studies, including demographics, community infrastructure, land use, and economic analyses

EIS RESPONSIBILITY Prepared archaeological and historical sections of Chapters 3 and 4 and Appendix E, and assisted in the preparation of Appendix H. Performed technical reviews of portions of the socioeconomic sections in Chapters 3 and 4

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EDUCATION Ph.D., Civil Engineering, Colorado State University
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Civil Engineering, University of Missouri

EXPERIENCE
TECHNICAL SPECIALTY Twenty-one years. Hydrology, hydraulics, water resources, civil engineering, wastewater reuse, water treatment, cooling water, steam generation

EIS RESPONSIBILITY Performed technical reviews of hydrology sections in Chapter 3

NAME Philip N. Brandt

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EXPERIENCE
TECHNICAL SPECIALTY Eight years. Ecological baseline studies, permitting and regulatory analyses

EIS RESPONSIBILITY Prepared terrestrial and endangered species portions of Chapters 3 and 4 and Appendixes C and F

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TECHNICAL SPECIALTY
EIS RESPONSIBILITY Performed technical review of Chapter 5

NAME John A. Davis
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EXPERIENCE Nine years. Land use and cultural resources; preparation of environmental reports, assessments, and impact statements; design and implementation of field studies
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EIS RESPONSIBILITY Prepared Section 4.5. Performed technical reviews of hydrology and water quality portions of Chapters 3 and 4

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EXPERIENCE Six years. Regulatory analysis, environmental policy,
TECHNICAL SPECIALTY environmental impact studies, terrestrial ecology,
facility siting studies
EIS RESPONSIBILITY Performed technical review of Chapter 5

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EDUCATION M.S., Geology, George Washington University
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EXPERIENCE Five years. Geologic studies, interpretation of strati-
TECHNICAL SPECIALTY graphic record, slope instability studies
EIS RESPONSIBILITY Prepared geology description for Chapter 3

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EDUCATION B.S., Nuclear Engineering, University of Maryland
EXPERIENCE Three years. Environmental radiological impact analyses
TECHNICAL SPECIALTY and dose assessments; nuclear reactor systems analyses
EIS RESPONSIBILITY Prepared radiological releases and remobilization
sections of Chapter 4 and Appendix G

NAME Peter H. Feldhausen
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EDUCATION M.S., Geology, University of Wisconsin
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EXPERIENCE Twenty-nine years. Registered geologist and geophysicist; environmental assessment, geology/seismology, hydrology, radioactive cesium transport, alternative cooling water, wetlands assessment
TECHNICAL SPECIALTY
EIS RESPONSIBILITY Assisted in preparation of geology, water quality, and radionuclide transport sections in Chapters 3 and 4 and Appendix D

NAME Gary P. Friday
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EDUCATION Ph.D., Fisheries and Wildlife, Michigan State University
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EXPERIENCE Fourteen years. Aquatic and terrestrial ecosystems, terrestrial ecology, wildlife management, impact assessments
TECHNICAL SPECIALTY
EIS RESPONSIBILITY Principal reviewer of terrestrial ecology sections in Chapters 3 and 4 and Appendixes C and F

NAME Morton I. Goldman
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EDUCATION Sc.D., Massachusetts Institute of Technology
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B.S., Civil Engineering, New York University
EXPERIENCE Thirty-eight years. Corporate Technical Director; senior management of site evaluation, safety and environmental assessment, and environmental impact evaluation. Professional Engineer
TECHNICAL SPECIALTY
EIS RESPONSIBILITY Primary reviewer of draft and final EIS for NUS Corporation

NAME Arthur B. Gould, Jr.
AFFILIATION U.S. Department of Energy, Savannah River Operations Office
EDUCATION M.S., Game Management, Louisiana State University
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EXPERIENCE Fifteen years. Wetland ecology, wildlife biology,
TECHNICAL SPECIALTY botany, radio telemetry, environmental assessments
EIS RESPONSIBILITY DOE-SR Task Manager for EIS preparation; principal reviewer of EIS for DOE

NAME Anne Marie Hale
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EDUCATION M.S., Geography, University of South Carolina
B.S., Geography, University of South Carolina
EXPERIENCE Three years. Remote sensing and geographic information
TECHNICAL SPECIALTY system studies, regulatory analysis, environmental policy, environmental impact studies, terrestrial ecology, and natural resource management
EIS RESPONSIBILITY Deputy Principal Investigator for EIS preparation. Prepared geography sections in Chapter 3 and assisted in preparation of endangered species sections of Chapter 3 and Appendix C. Assisted in preparation of Chapters 4 and 5 as well as Appendix E.

NAME Rosalind Huang
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EDUCATION M.S., Physics, University of Maryland
B.S., Physics, University of Maryland
EXPERIENCE Eighteen years. Computer programming for solving prob-
TECHNICAL SPECIALTY lems in shielding and radiation and for processing meteorological data; development of plots, users guides, and documentation; verification and quality review of programs
EIS RESPONSIBILITY Performed technical review of thermal effluent modeling in Appendix B and thermal performance sections in Chapter 2

NAME Mary Alice Jennison
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EDUCATION B.S., Environmental Science, Florida Institute of Technology
EXPERIENCE Four years. Statutory/regulatory analysis, site-specific environmental compliance plans, environmental
TECHNICAL SPECIALTY impact studies
EIS RESPONSIBILITY Contributed to Chapter 5

NAME William E. Joyce
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EXPERIENCE Eighteen years. Environmental impact studies, radio-
TECHNICAL SPECIALTY logical dose impacts
EIS RESPONSIBILITY Performed technical reviews of Appendixes B, D, and G

NAME John M. Koerner
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EDUCATION Ph.D. Residency, Geography/Geology, University of Michigan
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EXPERIENCE Twenty-three years. Environmental impact studies, envi-
TECHNICAL SPECIALTY ronmental planning, terrestrial ecology, geomorphology, remote sensing, field surveys and mapping, demographics, permitting, public/legal involvement
EIS RESPONSIBILITY Performed technical review of physical science sections in Chapters 3 and 4

NAME Barton C. Marcy, Jr.
AFFILIATION NUS Corporation
EDUCATION M.S., Zoology-Ichthyology, University of Connecticut
B.S., Biology, Wake Forest University
EXPERIENCE Twenty-three years. Environmental impact studies,
TECHNICAL SPECIALTY ichthyoplankton and entrainment studies, fisheries and
impingement, aquatic ecology, and marine biology
EIS RESPONSIBILITY Principal Investigator for draft EIS preparation.
Assistant Program Manager; principal technical reviewer
of draft and final EIS for NUS Corporation. Prepared
the Preface and Summary, Chapters 1 and 5, and Appendix
H; principal reviewer of aquatic ecology sections in
Chapters 3 and 4 and Appendixes C, I, and J.

NAME Geoff McGean
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EDUCATION B.A., Geography/Economics, Dartmouth College
EXPERIENCE One year. Community relations, socioeconomic impact
TECHNICAL SPECIALTY studies, demographic and economic analyses
EIS RESPONSIBILITY Prepared socioeconomic sections of Chapters 3 and 4

NAME David C. Navecky
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EDUCATION M.S., Water Resources Management, Michigan State
University
B.S., Environmental Science, Pennsylvania State
University
EXPERIENCE Four years. Hydrology/water quality baseline and
TECHNICAL SPECIALTY impact assessment studies
EIS RESPONSIBILITY Prepared hydrology sections of Chapter 3 and Section 4.5
(unavoidable/irreversible impacts)

NAME

Richard S. Nugent

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NUS Corporation

EDUCATION

Ph.D., Marine Science, University of Miami
M.S., Biology, Boston College
B.S., Biology, Boston College

EXPERIENCE
TECHNICAL SPECIALTY

Nineteen years. Environmental impact studies, aquatic ecology, marine and estuarine ecology, water quality

EIS RESPONSIBILITY

Prepared descriptions of alternative cooling water system screening process in Chapter 2 and Appendix A, comparative impact sections in Chapters 2 and 4, and assisted in preparation of water quality impact sections in Chapter 4

NAME

Joseph F. O'Brien

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EDUCATION

M.Engr., Water Resources Engineering, Clemson University
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EXPERIENCE
TECHNICAL SPECIALTY

Thirteen years. Environmental impact and safety studies, rainfall-runoff analyses, water quality studies, water use studies, siting studies, flooding studies; groundwater hydraulics and transport

EIS RESPONSIBILITY

Prepared subsurface hydrology description for Chapter 3

NAME

James L. Oliver

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EDUCATION

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EXPERIENCE
TECHNICAL SPECIALTY

Fifteen years. Environmental research, limnological studies, thermal effects, ichthyoplankton and zooplankton studies, entrainment and impingement, fisheries ecology

EIS RESPONSIBILITY

Deputy Principal Investigator for draft EIS preparation. Principal Investigator for final EIS preparation. Aquatic ecology sections for Chapters 3 and 4 and Appendix C. Completed revision of the Summary and Chapter 1, primary reviewer of all sections FEIS

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University of Maryland
EXPERIENCE Thirty-three years. Surveying, civil engineering
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EIS RESPONSIBILITY Prepared cooling water alternative descriptions and resource utilization sections of Chapter 2

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TECHNICAL SPECIALTY assessments, socioeconomic and land-use analyses, transportation studies, water resources and quality
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EDUCATION Degree of Nuclear Engineering, Columbia University
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EXPERIENCE Twenty-one years. Radiological dose assessments,
TECHNICAL SPECIALTY environmental impacts
EIS RESPONSIBILITY Responsible for radiological characterization sections in Chapters 3 and 4 and Appendix G

NAME Michael Septoff
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B.S., Meteorology, City College of New York
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TECHNICAL SPECIALTY analyses, environmental impact statements, environ-
mental safety analyses, licensing activities
EIS RESPONSIBILITY Prepared characterization of meteorology and climatology
for Chapter 3 and contributed to air quality impact
section in Chapter 4

NAME John O. Shipman
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EXPERIENCE Twenty years. Publications management; technical
TECHNICAL SPECIALTY writing and editing; environmental assessments and
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EIS RESPONSIBILITY Technical editor of the EIS

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TECHNICAL SPECIALTY ronmental, safety analysis, and licensing activities
EIS RESPONSIBILITY Primary reviewer of draft EIS for NUS Corporation

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EXPERIENCE Four years. Wetland assessment studies, computer-
TECHNICAL SPECIALTY compatible geographic data base systems, aerial photo
interpretation
EIS RESPONSIBILITY Performed technical reviews of geography sections in
Chapter 3

NAME Seshagiri Rao Tammara
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EDUCATION M.S., Chemical Engineering, University of Maryland
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M.S., Chemical Engineering, Osmania University
(Hyderabad, India)
B.S., Chemical Engineering, Osmania University
EXPERIENCE Thirteen years. Environmental impact studies, cooling-
TECHNICAL SPECIALTY tower analyses, radiological impact and dose assess-
ments, air quality impacts, thermal performance evalua-
tions and thermal impacts
EIS RESPONSIBILITY Prepared cooling-tower air quality impacts sections in
Chapter 4

NAME Jerry Tkac
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EDUCATION Towson State University
Frederick Community College
EXPERIENCE Nineteen years. Engineering design and drafting; site
TECHNICAL SPECIALTY planning and land development, storm water management,
piping systems, highways, collection basins, building
and equipment locations
EIS RESPONSIBILITY Prepared site maps for cooling water alternative
descriptions in Chapter 2

NAME Alan L. Toblin
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EDUCATION M.S., Chemical Engineering, University of Maryland
B.E., Chemical Engineering, The Cooper Union
EXPERIENCE Fifteen years. Hydrologic transport analyses
TECHNICAL SPECIALTY
EIS RESPONSIBILITY Prepared thermal performance sections of Chapter 2, cumulative thermal discharge effects in Chapter 4, and Appendix B

NAME Douglas D. Tuckhorn
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EDUCATION M.S., Mechanical Engineering, Tennessee Technological University
B.S., Aeronautical Engineering, Embry Riddle Aeronautical University
EXPERIENCE Fourteen years. Cooling-system analyses, cooling towers, spray ponds, heat rejection cost-benefit studies, mechanical equipment specifications, plant retrofit design, equipment layouts and arrangements
TECHNICAL SPECIALTY
EIS RESPONSIBILITY Performed technical review of cooling water alternative descriptions and resource utilization sections of Chapter 2

NAME William R. Weiss
AFFILIATION NUS Corporation
EDUCATION M.S., Marine Science, University of South Florida
B.S., Biology, Eastern College
EXPERIENCE Seventeen years. Aquatic ecology, water quality, environmental impact assessment including thermal and entrainment/impingement effects studies, natural resource management
TECHNICAL SPECIALTY
EIS RESPONSIBILITY Prepared descriptive sections for chlorination/dechlorination plans in Chapter 2, sections on environmental consequences to aquatic ecology and water quality/hydrology in Chapter 4, modifications/updates to aquatic ecology sections in Appendix C, all of Appendix I, and response to comments in Appendix J

NAME Robert H. Werth
AFFILIATION NUS Corporation
EDUCATION B.A., Physics, Gordon College
EXPERIENCE Twelve years. Environmental impact studies, sound
TECHNICAL SPECIALTY level studies, noise impact assessments, air quality
analysis, permitting
EIS RESPONSIBILITY Prepared noise impacts sections in Chapter 4

NAME Patricia L. Wherley
AFFILIATION NUS Corporation
EDUCATION B.A., Geography, The George Washington University
EXPERIENCE Sixteen years. Environmental impact studies, demograph-
TECHNICAL SPECIALTY ics, land use and socioeconomic studies, regulatory
analyses, public participation programs
EIS RESPONSIBILITY Performed technical reviews of geography, archaeological
historical, and socioeconomic sections of Chapter 3 and
4 and Appendixes E and H

NAME Philip C. Whitney
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EDUCATION B.S., Civil Engineering, University of Maine
EXPERIENCE Thirty-eight years. Heavy industrial/utility construc-
TECHNICAL SPECIALTY tion, design, and engineering
EIS RESPONSIBILITY Performed technical review of cooling water alternative
description and resource utilization sections of
Chapter 2

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EDUCATION M.B.A., Management, Georgia State University
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TECHNICAL SPECIALTY environmental impact assessment, compliance with regulations, environmental monitoring
EIS RESPONSIBILITY Principal reviewer of EIS for DOE

NAME Carl R. Yates
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EDUCATION M.S., Biology, West Virginia University
B.S., Biology, University of Pittsburgh at Johnstown
EXPERIENCE Four years. Radiological environmental monitoring programs, sample collection audits, land-use surveys,
TECHNICAL SPECIALTY radiochemistry, aquatic ecology
EIS RESPONSIBILITY Prepared descriptive radiological sections for Chapter 3 and Appendix D