



SOCIETY OF WOMEN ENGINEERS

Carolyn Meyers
1162 Oakcrest Drive SW
Atlanta, GA 30311

Re: 1990 SWE Fellow Selection

Dear Colleague:

This will acknowledge our receipt of your nomination of Nancy M. Redgate for the above cited award.

The nominating package will be forwarded to the Fellow Selection Coordinator for committee consideration. Announcement of the committee's decision will be made in the early spring with Notification to all Nominators.

We thank you for your interest in the Society of Women Engineers' Awards and Recognition program and the submission of this nomination.

Cordially,

B.J. Harrod
Acting Executive Director

cc: Margaret Pritchard
Linda Long
Mary McCarthy

SOCIETY OF WOMEN ENGINEERS

NOMINATION FOR FELLOW GRADE

NANCY. M. REDGATE, P. E.
1806 CLUB PARKWAY, NORCROSS, GEORGIA, 30093
Membership # 680078/S Year admitted to grade: 1976

Summary Nominating Statement:

Nancy came to the engineering profession twenty years after she had completed high school. She was a reentry engineer, before the word had achieved its current usage in SWE. Nancy and seven other women were the charter members of the University of Delaware SWE chapter. She has been actively involved in SWE activities ever since, as an officer, committee chair, speaker, and activer participant in Section and National committees. Nancy has always performed to the limits of her abilities to pave the way for future women in the field, since in many cases, she was the first woman engineer to whom her associates had been exposed. She was the first woman elected to office in several male dominated professional organizations, such as, ASCE (Delaware), Georgia Society of NSPE, and the Georgia Engineering Foundation, and she has continued to be active in SWE throughout the past twenty one (21) years.

Nancy believes that fellow grade is the highest honor she can receive from the Society, the organization to which she feels the strongest allegiance and from which she gains the most support. The members of the Atlanta Section endorse this nomination

Attachments 1 through 5 document her activities.

Carolyn M. Meyers Date 11/29/89
Atlanta Section President

Carol Kemper-Poulos Date 11/29/89
Atlanta Section Vice-President

Attachment #1

Nomination for Fellow Grade

Nancy M. Redgate

1. Member of speakers bureau at Region IV, EPA, speaking at schools, and meetings throughout the metro Atlanta area about twice a year, thereby increasing the visibility of women in engineering to these people.

Spoke at the 1986 WATTEC conference (Knoxville, Tn. E-week activity) representing the local SWE chapter.

Actively participates in other professional organizations, ASCE, NSPE and state chapter of NSPE, AAES, WISE, etc. increasing the visibility of women to the profession.

Has also served the SWE in the following ways:

Speaker at SWE national convention	in 1977 and 1983
Chair- National Guidance Films	1971-78
Representative, Council of Section Representatives	
Philadelphia section	1973-75
Atlanta section	1987
President, Philadelphia section	1977
Chair- Women in Gov't National Committee	1980-81
Treasurer- Atlanta chapter	1984-85
National Nominating Committee	1977 & 1987
Member People to People Mission	1984
Chair- Awards Committee, Atlanta section	1989

Has also served as member of various committees, such as national film guidance, and nominations, chapter awards, career guidance, et al.. She has also attended more than 12 national conventions through the years, all at her own expense.

Attachment #2

Nomination for Fellow Grade

Nancy M. Redgate

2. Recognized contributions to the fields of engineering and engineering management.

Nancy was certified as an "expert witness in surface drainage matters" in Superior Court of the State of Delaware in 1975. She was part of the team which developed the Storm Water Management Code for New Castle County, Delaware in 1974. She has also demonstrated technical competency and ability to manage technical and non-technical employees in the past.

3. Present employer, address, title of present position.

U. S. A. Environmental Protection Agency, Region IV,
345 Courtland Street
Atlanta, GA 30365

Coordinator to insure compliance with all environmental programs for all facilities in Region IV which are owned/operated by the Tennessee Valley Authority (TVA)

4. Work History:

N.B. All positions from 1979 to present carry the title of Environmental Engineer, at EPA Reg IV
5/89 to present -Coordinator to insure compliance with all environmental regulations by TVA facilities in region 4.

9/88 to 5/89 - Analyze the status and viability of public private partnerships in the solid waste management field. Work closely with economist to predict costs of proposed regulations. Coordinated the presentation of EPA's first regional conference on this subject in Atlanta in April 1989.

6/87 to 9/88 - Supervised 5 engineers/scientists and clerical assistance in a newly created unit, while insuring training and safety of employees and meeting all legislative deadlines of the recently enacted Superfund law (SARA). Federal facilities were made aware of their inclusion and appropriate agreements/understandings were negotiated.

11/86 to 6/87 - Developed an indexing systems for the Administrative Record requirements of the Superfund program which was implemented nation wide with minor modifications. Also was a member of the work group which created the Basic Training Course for Superfund Employees, (OSC/RPM) Taught

Attachment #3

Nomination for Fellow Grade

Nancy M. Redgate

several modules of the first two sessions of the course. As unit chief, was responsible for verifying the engineering adequacy of designs of selected remedies for implementation at Superfund sites. Responsible for reducing costs on many projects and correcting design errors by others.

7/86 to 11/86 - Special assignment to perform management study on the utilization of Superfund contractors in Region 4. Recommendations of this study were later implemented as part of a reorganization of the division.

10/83 to 7/86 - Act as team leader for 5 technical and one clerical to oversee the cleanup of Superfund sites in Kentucky, South Carolina and Tennessee, requiring the ability to train new employees, present agency positions to the public, and negotiate with the state to achieve concurrence on selection of remedy.

11/81 to 10/83 - Provide advice and consultation to all levels of contact, i.e., state, industry, public and other members of the regional office on Superfund actions where there were no established guidelines for remedial actions. Worked closely with attorney's in efforts to involve responsible parties in cleanup activities.

5/81 to 11/81 - Regional coordinator for pretreatment activities, including approval of local plans for requiring pretreatment of sewage by industry.

1/80 to 5/81 - Oversee activities of nine planning programs (208) in implementing the non-point source requirements of new regulations.

10/78 to 1/80 - Managed activities of municipalities which were developing or building sanitary treatment facilities/systems.

2/78 to 10/78 - U.S. Fish and Wildlife Serv., Civil Engineer, responsible for monitoring regional NPDES reporting. Monitored water use and quality for all refuges and hatcheries, and design of irrigation/ flow control structures in refuges.

5/77 to 1/78 - New Castle County, Public Works Dept., Special Projects Engineer. Responsible for handling specific engineering projects deemed by the Director to require unusual expertise in handling of public and political contacts, as well as advanced engineering ability.

Attachment #4

Nomination for Fellow Grade

Nancy M. Redgate

5/72 to 5/77 - Manage a staff of six to enforce applicable regulations to all development utilizing detailed analysis and verification of hydrological data submitted for stormwater management, erosion control and sanitary sewage, including on-site sewage disposal.

8/70 to 5/72 - On assignment to Department of Public Works of New Castle County from temporary agency as full time consultant. Reviewed for hydrological adequacy, and design projects to be accomplished by county work forces.

6/67 to 6/70 - University of Delaware, return to complete coursework for Bachelor of Civil Engineering.

Prior to 6/70 - Employed as general draftsman and assistant in husband's Architectural/Engineering consultant firm and as office manager, and/or accounting clerk in various firms in New York City and Wilmington, Delaware.

5. Education:

Master of Public Administration (MPA) 1981, Georgia State University. Management

Bachelor of Civil Engineering (BCE) 1970, University of Delaware, dean's list. Water/Wastewater

6. Patents, honors, publications.

Patents - None

Honors -

Metro Atlanta Engineer of Year in Government, 1981

World's Who's Who of Women, 2nd edition.

Registered Professional Engineer, Pennsylvania, 1973:

Maryland, 1973; Delaware, 1974; Georgia, 1979.

Awarded ASCE Student Paper Award, 1970, Delaware.

Publications - None

7. Other affiliations, professional organizations, service.

American Society of Civil Engineers

member

1969-79

* Treasurer, Delaware section

1976-76

* Treasurer, U. of Del, student section

1969-70

Attachment #5

Nomination for Fellow Grade

Nancy M. Redgate

National Society of Professional Engineers

member 1971 to present
Georgia Society
-long range planning committee 1988-89
* -state director 1987-89
* -President-Sandy Springs chapter 1986-87
* -Treasurer, Sandy Springs Chapter 1980-81
-state awards committee 1987
* -chapter director, Sandy Springs 1981-83
-Co-chair, political rally, state convention 1982

Georgia Engineering Foundation

Director representing Society of Women Engineers 1978-84
* Treasurer 1981 & 82
* Vice President 1983

Metro Atlanta E-Week Committee

Member 1981
Awards sub-committee 1981

American Association of Engineering Societies

Member Engineering Affairs Council 1980--81
represented SWE

EPA region IV Engineers Association-Charter Member

Women in Science and Engineering (WISE)-Charter Member

Region IV EPA chapter
Treasurer 1986

Civic Activities

P.T.A. Lora little and Manor Park Elementary
Stanton Junior High
John Dickinson High
Band Booster - John Dickinson High School
Girl scouts; member, troop leader, district cookie chair.
Stanton School District, Delaware, unsuccessful candidate,
for school board-1972 first woman to run
Delaware Association of Professional Engineers (state
registration board) Civil engineering seat, unsuccessful
candidate-1977, first woman to run.

Nominated to Governor of Georgia by state engineering society
for consideration for appointment to state board positions.

* Indicates first woman elected to these positions, in these
chapters of the organization.