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OFFICE OF THE SECRETARY
REGULATIONS AND
ADJUDICATIONS STAFF

6651

CLEAR REGULATORY COMMISSION

Docket No. 50-390 Official Ex. No. TVA-24
 In the matter of TVA
 Staff _____ IDENTIFIED
 Applicant RECEIVED
 Intervenor _____ REJECTED _____
 Other _____ WITHDRAWN _____
 DATE 5/1/02 Witness _____
 Clerk [Signature]

TVA Exh. 24

HH000001

President TVA
Nuclear & Chief
Operating Officer
O.D. Kingsley, Jr.

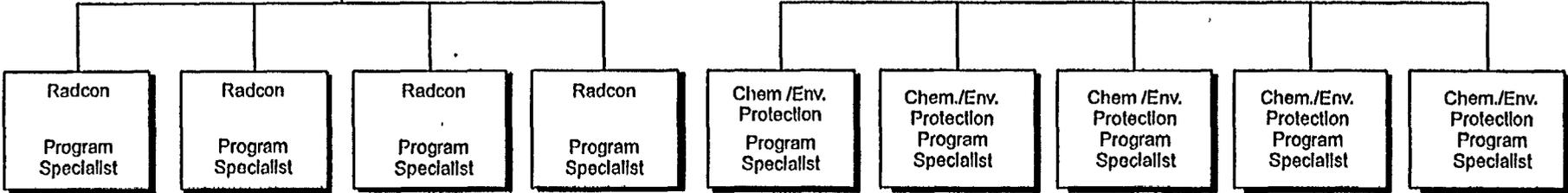
Sr. V.P.
Nuclear
Operations
Ike Zeringue

General
Manager
OPS Services
J.P.
Maclejewski

Radlological
Control
Manager

Secretary

Chemistry and
Environmental Protection
Manager



- RMSM Owner
- Multi-Site Contracts
- Radwaste Expertise
- Radwaste Permits
- Industry Benchmarking
- CECC Support
- Site Outage Planning Support
- Byproduct Material License Support
- TVAN Rad. Control Program & Project Management

- Radiological Protection Program Expertise
- Exposure Management Expertise (ALARA)
- Applied Radiological Control Expertise
- By Product material Control Expertise
- Site Outage Planning Support
- Radiological Assl. Expertise
- CECC Support
- TVAN Rad Control Program & Project Management

- NVLAP Rep/Tech Director/ Quality Manager
- TLDSS/ TLDAS Application Owner
- Chair, REAG
- Lit/gallon Minimization
- TVAN Rad Control Program & Project Management
- Exposure Records & Records system Expertise
- CECC Support
- External Dosimetry Expertise

- Internal Dosimetry Expertise
- External Dosimetry Expertise
- REXS App. Owner
- Multi-Site Contracts
- Radiological Protection Expertise
- Instrumentation (Port/ Fixed) Expertise
- CECC Support
- Project Management

- NPDES Permitting
- State Operating Permits
- Ground Water Investigations
- Stormwater Permitting
- 404 Permits
- Training (Water/UST)
- Contracts Administration
- UST Permitting
- SPCC-Oil Plan
- CECC Support
- Self Assessments
- NEPA Reviews
- Resin Analysis and Specifications
- Chemical Traffic Control

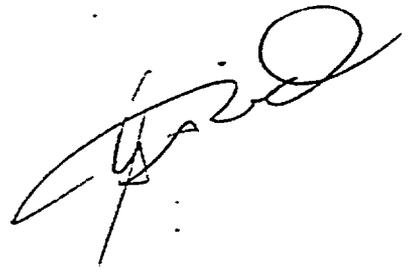
- Site Lead Contact
- NEPA Reviews
- Asbestos Permitting/ Abatement
- PCB's
- Ozone Depletion (Title VI)
- Toxic Emission (Title III)
- Training (Air/PCB)
- Pesticides/ Herbicides
- Potable Water
- Self Assessment
- CECC Support
- Facility Permitting (Title V)
- Chemistry Manual Updates
- Chemistry Standards Updates
- Diesel Fuel Oil Control
- Bulk Chemical Control
- Make-Up Water Treatment
- Post Accident Sampling Systems

- Site Lead Contact
- Secondary Chemistry
- On-Line/Bench Instrumentation
- Steam Gen. Chemistry Programs
- CECC Support
- Westinghouse PJP
- Self Assessment
- Service Water Treatment Program
- Zinc Injection
- Raw Water Treatment
- Hazardous Materials Control Plan
- Training (Hazardous Waste)
- Hazardous Waste
- Hazardous Materials Review (313)
- Chemistry Data Management
- Steam Gen. Chemistry

- Site Lead Contact
- Primary Chemistry
- Hydrogen Water Chemistry
- Radiation Monitors
- Radioanalytical Working Group
- Source Term Reduction
- Gamma Scans/Outage
- Fuel Performance
- Chemical Cleaning / Decon
- Self Assessments
- CECC Support
- Cooling Tower Program
- Startup/Shutdown Chemistry
- Dose Assessment
- Radioactive Effluents Reports
- ODCM/RARC Chairman
- Met. Monitoring
- Training (REP/ODCM)
- Solid Waste
- Site Budget Reviews

- Site Lead Contact
- Software Control Program
- Countroom QC Standardization
- Inter/Intra Laboratory QC Program
- Polisher Performance
- CECC Support
- Self Assessments
- Analytical Chemistry
- SARA (Tier II)
- Landfill/Disposal Permitting
- CERCLA
- NEPA Reviews
- Mixed Waste Permitting
- Analytical Working Group

HH000002

A handwritten signature in black ink, appearing to be 'D. J. ...', written diagonally across the top right of the page.

September 14, 1994

Ben G. Easley, LP 3A-C

INTERVIEW SCHEDULE - CHEMISTRY AND ENVIRONMENTAL PROTECTION SPECIALISTS
PG-7 (ANNOUNCEMENT NO. 6620) AND PG-8 (ANNOUNCEMENT NO. 6621) AND
RADIOLOGICAL CONTROL SPECIALIST PG-8 (ANNOUNCEMENT NO. 6613)

It is requested that your office set up interviews for the individuals listed below. The interviews will be conducted at BR 5N A12, Ivy Creek Room on September 22 and 23.

PG-8 Positions

Date: 9/22/94

Chemistry and Environmental Specialist:

<u>Name</u>	<u>Time</u>
Sam L. Harvey	8:30 a.m.
E. S. Chandrasekaran	9:15 a.m.
David W. Sorrelle	10:00 a.m.
Alfred Dyson	10:45 a.m.
Gary Fiser	11:30 a.m.

Radiological Control Specialist:

<u>Name</u>	<u>Time</u>
John Flood	1:45 p.m.
Regis Nicoll	2:30 p.m.
John Leamon	3:15 p.m.

PG-7 Positions

Date: 9/23/94

Radiological Control Specialist:

Gerald Knight	8:00 a.m.
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Chemistry and Environmental Specialist:

Gerald Knight	8:30 a.m.
James Mullenix	9:15 a.m.
Thomas Forsythe	10:00 a.m.
Betsy Eiford-Lee	10:45 a.m.
Jim Mantooth	11:30 a.m.
Joseph Johnson	12:15 p.m.
James Griggs	1:00 p.m.

Date: 9/26/94

Brian Williamson	9:00 a.m., BR 5D-C
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HH000004

September 14, 1994

Ben G. Easley, LP 3A-C

INTERVIEW SCHEDULE - CHEMISTRY AND ENVIRONMENTAL PROTECTION SPECIALISTS
PG-7 (ANNOUNCEMENT NO. 6620) AND PG-8 (ANNOUNCEMENT NO. 6621) AND
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<u>Name</u>	<u>Time</u>
John Flood	1:45 p.m.
Regis Nicoll	2:30 p.m.
John Leamon	3:15 p.m.
Gerald Knight	4:00 p.m.

PG-7 Positions

Date: 9/23/94

Chemistry and Environmental Specialist:

Gerald Knight	8:30 a.m.
James Mullenix	9:15 a.m.
Thomas Forsythe	10:00 a.m.
Betsy Eiford-Lee	10:45 a.m.
Jim Mantooth	11:30 a.m.
Joseph Johnson	12:15 p.m.
James Griggs	1:00 p.m.

Date: 9/26/94

Brian Williamson 9:00 a.m., BR 5D-C

HH000005

Ben G. Easley
Page 2
September 14, 1994

The following Selection Boards have been assembled:

Date: 9/22/94

9/23/94

Board Members

Gordon Rich/Dave Voeller
John Sabados/
Pat Hughes/Wilson McArthur
Ron Grover
Ben Easley

Board Members

Gordon Rich
Glen Bugg
Jerry Osborne

All board members are asked to assemble by 8:15 a.m. on their respective day. All material such as resumes, suggested questions, etc., will be provided.

W. C. McArthur
R. O. Grover
Manager
Chemistry and Environmental
Protection
BR 5D-C

W. C. McArthur
W. C. McArthur
Manager
Radiological Control
BR 5D-C

ROG:WCM:DJL

cc: S. G. Bugg, POB 2D-BFN
P. W. Hughes, MOB 2U-WBN
J. P. Maciejewski, LP 3B-C
J. D. Osborne, SBT 3A-SQN
G. L. Rich, OPS 2B-SQN
J. W. Sabados, POB 2D-BFN
D. J. Voeller, MOB 1F-WBN

05121

HH000006

VACANT POSITION ANNOUNCEMENT

SUMMARY DESCRIPTION OF DUTIES:

PROVIDE SENIOR TECHNICAL DIRECTION, SUPPORT, & OVERSIGHT TO THE TVAN CHEMISTRY & ENVIRONMENTAL PROTECTION PROGRAMS. THE INCUMBENT SERVES AS THE PRIMARY LIAISON BETWEEN THE SITES & TVAN CORPORATE. MANAGES THE IMPLEMENTATION OF DIRECTIVES, STANDARDS, & POLICIES & REGULATIONS AT ALL TVAN SITES. IS THE LEAD INDIVIDUAL FOR ENSURING THAT HIGH STANDARDS ARE SET & MAINTAINED AT BOTH CORPORATE & THE SITES. HIS/HER EFFORTS ARE FOCUSED ON ESTABLISHING/MAINTAINING A CHEMISTRY & ENVIRONMENTAL PROGRAM THAT ENHANCES THE SAFE & RELIABLE OPERATION OF TVAN SITES.

MINIMUM QUALIFICATIONS:

SHOULD HAVE A BACHELORS DEGREE OR THE EQUIVALENT IN CHEMISTRY, ENVIRONMENTAL SCIENCES, OR CHEMICAL ENGINEERING, INCLUDING FORMAL TRAINING & EXPERIENCE IN MANAGEMENT. SHALL HAVE AT LEAST EIGHT YEARS OF PROFESSIONAL EXPERIENCE IN APPLIED CHEMISTRY OR ENVIRONMENTAL PROTECTION, WITH EXPERIENCE AT AN OPERATING NUCLEAR PLANT PREFERABLE. SHOULD HAVE DETAILED KNOWLEDGE OF MODERN ANALYTICAL & RADIOANALYTICAL EQUIPMENT & METHODS USED FOR PERFORMING ALL REQUIRED CHEMISTRY & ENVIRONMENTAL ANALYSES AT TVAN SITES WHICH INCLUDES EQUIPMENT OPERATION & CAPABILITIES. HE/SHE MUST POSSESS GOOD KNOWLEDGE BASE IN AREAS OF ENVIRONMENTAL REGULATIONS.

TVA-WIDE MANAGEMENT

HOW TO APPLY - EMPLOYEES GET THE APPROPRIATE EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION FORM AT YOUR LOCAL PERSONNEL, EMPLOYMENT, OR ADMINISTRATIVE OFFICE. THE FORM TO USE FOR THIS POSITION IS FORM TVA 9824. COMPLETE AND SEND THE FORM TO:

NUCLEAR HUMAN RESOURCES
LOOKOUT PLACE 3A-C (X-3820)

CLOSING DATE:

08/31/94

APPLICATIONS RECEIVED AFTER CLOSING DATE ARE NOT ENTITLED TO CONSIDERATION, BUT MAY BE CONSIDERED AT TVAS OPTION.

POST ON WHITE PAPER

TVA NUCLEAR		WORK LOCATION CHATTANOOGA	
OPERATION OPERATIONS SERVICES/CHEM & ENVIRON PROTECTIO SUPERVISOR (PV: JOHN MACIEJEWSKI)		POSITION CHEMISTRY & ENVIRON PROTECTION SPECIALIST 4 POSITIONS HF000007	
DEPARTMENT *PG 8 PENDING FINAL HAY EVALUATION		SCHEDULE AND GRADE PG 8*	ANNOUNCEMENT NO. 6621

TVA IS AN EQUAL OPPORTUNITY EMPLOYER. SELECTIONS WILL BE MADE ON THE BASIS OF MERIT AND EFFICIENCY AS SET OUT IN THE VA ACT AND APPLICABLE LAWS PROHIBITING DISCRIMINATION IN FEDERAL EMPLOYMENT.

INTERVIEW
QUESTIONS

HH000008

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Sam HARVEY III

Date: 9/22/94

Questions

Score

- | | | |
|----|---|-----------------------------|
| 1. | Summarize your background/work experience as it relates to this position. <i>10 or</i> | <u>-9</u> |
| 2. | Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas.
<i>Raw Water Project, EPA - Boric Acid, S/G data accumulation</i> | <u>+10</u> |
| 3. | Provide your definition of corporate support, corporate oversight, and their relationship. <i>Corporate Part of Team Solving Problem</i> | <u>-9</u> |
| 4. | What do you see as the main role for this position?
<i>BURDEN ON SITE?</i> | <u>+9</u> |
| 5. | How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? <i>Bkg - Analytical Chemistry - High Matrix Trng</i> | <u>+8</u> |
| 6. | Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. <i>Low Team What do you see as degree of ownership? Get buyin from Management on site</i> | <u>+9</u> |
| 7. | What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? <i>Review problem - Root Cause Corp Chemistry Tasks</i> | <u>+9</u> |
| 8. | Describe at least 2 chemistry or environmental concerns of TVAN. <i>S/G integrity + Rx Vessel Integrity Mixed wastes Raw Water Corrosion + Zebra Mussel</i> | <u>+10</u> |
| 9. | Provide 3 of your strengths that you feel makes you qualified for this job. <i>Strong Technical in PWR Systematic Approach Go Along well w/ People at plants</i> | <u>-9</u>
<u>+ 82 75</u> |

05161

HH000009

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

Received: _____

This form is to be completed only by present TVA employees when they want to apply for announced vacant position and should be sent to address given on announcement.

1. Name HARVEY III SAM L. 2. Soc. Sec. No. [REDACTED]
Last First Middle
3. Present Job Title Program Manager 4. Schedule & Grade PG 8
5. Organization Operations Services Department Chemistry

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chem. & Env. Spec.
8. Schedule & Grade PG 8 9. Organization Nuclear Power Department Oper. Service
Section Chem. & Environmental Protection Work Location Chattanooga
10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on page 2.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you (). Obtain copies from your organization human resource office-if necessary. (If additional space is needed, use page 2.)

SEE ATTACHED RESUME.

HH000010

Name Harvey III Sam L. 2. Soc. Sec. No. [REDACTED]
Last First Middle

13. If announcement specified test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date 8/16/94

TVA Mailing Address BR 5D-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Human Resources Files, Knoxville, through your organization human resource officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

RESUME

Sam L. Harvey III

OBJECTIVE A challenging position where my education and experience in Chemistry will be an asset offering the opportunity for professional growth in Management and Supervision.

SUMMARY OF QUALIFICATIONS

Education: Took several courses at the Master level in Health Physics, Georgia Institute of Technology, Department of Continuing Education, Atlanta, Georgia, 1985. Bachelor of Science, (Biology/Chemistry), Valdosta State University, Valdosta, Georgia, 1980.

Publications: Available upon request.

Affiliations: Member: American Nuclear Society, American Chemical Society, National Association of Corrosion Engineers, New York Academy of Sciences.

Experience: Responsible for oversight, technical support, and program direction for a four site Summary utility that included both PWR's and BWR's...prepared written evaluations of Primary, Secondary and BOP Chemistry parameters and results for site and senior management...Prepared and performed audits and assessments...Developed and wrote various chemical specifications and treatment programs for plant systems...Developed Chemistry procedures for plant radiation monitoring systems...Developed chemistry programs to ensure steam generator and reactor vessel long term integrity...Developed instrumentation requirements and analytical methods...Developed procedures and implemented Health Physics programs...Prepared ALARA engineering calculations...Systems analysis and troubleshooting...Coordinated work assignments and activities...Supervised technicians and professional staff...Procedure and systems walk downs...Information management and documentation...People engineering.

EMPLOYMENT HISTORY

May 1991 to present Program Manager, Tennessee Valley Authority, Corporate Office, Chattanooga, TN. Responsibilities include: oversight, technical support and program direction for four sites which include both PWR's and BWR's; primary focus areas include analytical chemistry, instrument selection and method development, secondary chemistry, balance of plant chemistry, steam generators and raw water systems. Provided specialized training to site staff and management. Provided periodic reports and briefings to senior utility management. Performed program assessments for site and senior management. *December 1991 - May 1992*; filled in at Sequoyah Nuclear Plant as acting Chemistry Technical Support Manager for a two unit PWR, duties included directing technical staff in daily assignments, reviewing and providing evaluation of plant chemistry data to plant management, developed and implemented improvements to the site chemistry program. *November 1992 - May 1993*; Acting Corporate Chemistry Manager, duties included managing corporate chemistry program to ensure oversight, technical support and program direction of TVA nuclear facilities, Supervision of corporate professional staff, development of budget and business plans, and implementation of Total Quality programs.

HH000012

EMPLOYMENT HISTORY

- December 1987 Staff Nuclear Chemist, Houston Lighting and Power Co.
- April 1991 Responsibilities include: Developed and wrote various chemical specifications and treatment programs for plant systems; developed chemistry procedures for plant radiation monitoring system; developed and wrote technical specifications for laboratory and on-line ion chromatography (IC) systems; set up, tested, developed procedures and trained 40 technicians and 10 supervisors on the applications for IC; Coordinated and developed site inter and intralaboratory Quality Assurance Program; provided onsite technical support and direction for secondary chemistry and radiochemistry laboratory operations; provided onsite technical support and direction for effluent monitoring and reporting; prepared Daily and Monthly written evaluations of primary and secondary chemistry parameters and results for management review cycles. developed corporate chemistry goals for the site, coordinated site approved material program, developed instrument specifications and analytical methods, directed raw water treatment program.
- April 1987 to December 1987 Senior Chemist, under contract to Georgia Power Co. ,Waynesboro, Ga.
Responsibilities included: provided technical support for plant radiation monitoring system; prepared effluent permits; sample analysis and control of primary and secondary plant chemistry; operation of gamma spectroscopy system and data review; and performed troubleshooting of analytical instrumentation and procedure methods as needed.
- July 1985 to March 1987 Senior Shift Chemist, under contract to Carolina Power and Light Co., New Hill, N.C. to
Responsibilities included: supervised three chemistry technicians; liaison to utility; analyzed and maintained primary and secondary plant systems; effluent monitoring and permit approval; effluent monitor setpoint control; developed chemistry procedures; maintained laboratory QA/QC program; setup, operation and maintenance of three Dionex ion chromatographs; assisted in the development of a caustic eluant method for the determination of low level organic and inorganic anions for the ion chromatograph.
- September 1981 to June 1987 Senior Health Physics Technician, under contract to various utilities.
Responsibilities included: directing and coordinating all work activities and health physics work assignments in all radiation controlled areas for 40 contract technicians; RWP survey review; RWP preparation; ALARA reviews; and calculating shielding requirement, record audits; directed health physics related job coverage in assigned areas; operation of counting room equipment and TLD reader; drywell maintenance; radwaste shipments and shipping packages; and performed containment power entries and surveys.
- August 1980 to September 1981 Chemical Radiation Technician, Georgia Power Company, Plant Hatch Nuclear Station, Baxley, Georgia. Responsibilities included: calibration of plant liquid and gaseous effluent radiation monitors; prepared effluent release permits; performed radiochemical separations; operated water and waste treatment systems; developed chemistry procedures; operation of counting room equipment and data review; performed chemistry and health physics related activities in assigned areas; performed contamination, radiation and air sample area surveys; and performed radwaste shipments.

REFERENCES: AVAILABLE UPON REQUEST.

HH000013

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: CHANDRA

Date: 9/22/94

Questions

Score

- 1. Summarize your background/work experience as it relates to this position. *2-3 Chem MD Managing Lab - Environmental Sampling
3 1/2 yrs Prog Manager - BEN* -9
- 2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. *Do. Chem. 10 CFR 61 Contract Lab, Yankee Atomic -> Mussel Shoals Radioanalytic Grp* +8
- 3. Provide your definition of corporate support, corporate oversight, and their relationship. *Support Needs* -7
- 4. What do you see as the main role for this position? *Do how much we can* +9
- 5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? *Technical Support - Communication - Team Program Successful
Bkg in Environment - Supv Corp Funct at Site* -9
- 6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. *Take seriously site success - feedback from site.* +9
- 7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? *Sch'd need, Resource Resource - Team approach
Prioritize w/ manager, get feedback early, communicate* +9
- 8. Describe at least 2 chemistry or environmental concerns of TVAN. *S/S Chemistry, ETE Basic field
Raw Water - Instrumentation Upgrade.* +9
- 9. Provide 3 of your strengths that you feel makes you qualified for this job. *Education + Experience Bkg
Practical
Optimistic
Works w/ all levels to get done
Coordination - Tenacious* +75

05161

HH000614

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

Received:

This form is to be completed only by present TVA employees when they want to apply for announced vacant position and should be sent to address given on announcement.

1. Name Chandrasekaran E. S. 2. Soc. Sec. No. [REDACTED]
Last First Middle

3. Present Job Title Program Manager 4. Schedule & Grade PG-8

5. Organization TVA Nuclear/OPS SVS Department Chemistry

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant-Position Job Title Chem & Env
Specialist

8. Schedule & Grade PG-8 9. Organization TVAN Department OPS SVS/Chem
& Env Prot
Section _____ Work Location Chattanooga

10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halvesister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if hired for the vacant position? No If "yes," list name(s), relationship(s), and address(es) on page 2.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you (). Obtain copies from your organization human resource office if necessary. (If additional space is needed, use page 2.)

Please see attached resume'.

3. If announcement specified test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature Chandrasekaran Date 8-22-94

Home Mailing Address BR 5D-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Human Resources Files, TVA, through your organization human resource officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

HH000015

RESUME

E. S. CHANDRASEKARAN

BR 5D-C

Phone: 751-3064

EDUCATION:

Ph.D. Chemistry
Michigan State University
M.S. Nuclear & Inorganic Chemistry
B.S. Chemistry

OBJECTIVE & SUMMARY:

A self-starting, dependable, team-oriented individual with broad technical expertise, supervisory and managerial experience, seeking a challenging position in the areas of Chemistry, and Health Physics management. Selected areas of expertise include:

- Management of Corporate Chemistry Program providing technical support, oversight, and program direction to PWR and BWR site Chemistry operations
- Radiological effluents and radiation monitoring programs
- Near term operating license (NTOL) startup PWR Chemistry program
- Operational PWR primary and secondary chemistry program
- Operational BWR chemistry and balance of plant chemistry
- Set up and oversight of chemical traffic control (CTC) program at PWR and BWR plants
- Raw water chemical treatment program for corrosion control
- Laboratory and count room set up and QA/QC program
- Hydrogen water chemistry issues at BWR
- Source term reduction and radwaste reduction program
- Environmental and radwaste management
- Chemical decontamination methods
- Corporate chemistry manual and standards development
- Software quality assurance program implementation

HH000016

EXPERIENCE:

May 1991 to Present:

TVA

Program Manager, Corporate Chemistry.

Responsibilities include technical support, oversight, and program direction on a wide range of chemistry activities for all TVA nuclear sites chemistry program. TVA nuclear sites consist of two unit operational PWR plant, three unit BWR plant (one unit operational, and two on restart status), two unit PWR plant near term operational status, and two unit PWR plant under construction. Some of the activities include long-term chemistry and radiochemistry data trending; radiological effluents; fuel performance evaluation, optimization of chemistry program improvements to meet the revised industry guidelines; radwaste minimization; source term reduction program implementation; cooling water treatment; chemical decontamination methods; hydrogen water chemistry at BWR to minimize IGSCC; multi-site cost effective partnering contract to meet site needs; emergency plan (EP) exercises dose assessment; Corporate chemistry manual and guidelines development; technical assessments; EPRI, INPO, GE, and Westinghouse industry meeting participation & guidelines development

March 1988 to May 1991

Houston Lighting & Power Co.,

Chemistry Operations & Analysis General Supervisor (11/90 to 5/91)

Chemistry Operations & Analysis Staff Chemist (3/88 to 10/90)

Responsible for two unit operational PWR units Chemistry & Radiochemistry technical support. The areas of responsibilities included primary and secondary chemistry short-term & long-term data evaluation and trending; radioactive effluents management program; radwaste management program; environmental management program; radiation monitoring system data trending and performance evaluation; chemical traffic control program management; Chemistry QA/QC program management; cooling water treatment & monitoring program; chemistry & health physics counting room management; condensate polishing improvements; chemistry program direction & oversight.

Supervised a staff of ten employees and few contractors

June 1985 to March 1988

Manager / Technical director, Westel/Ad-Tec Inc.,

Responsible for technical and administrative management of radiochemistry and health physics services.

Supervised a staff of twelve employees and few contractors.

HH000017

September 1976 to May 1985
Eberline Analytical Services
Laboratory Manager / Director

Responsible for technical, administrative, and business management of the Eberline analytical services operation. The services provided include chemical and radiochemical analyses services to about 12 nuclear power plants in support of their radiological environmental monitoring program (REMP); 10CFR50 effluents sample analyses program; 10CFR61 radwaste sample analyses program; personnel and environmental TLD dosimetry services; radioactive calibration source manufacturing & calibrations; nuclear power plant & uranium milling radio bioassay services; radiological services for waste remediation DOE operations such as FUSRAP, UMTRAP etc., and specialized training services

Supervised a staff of about forty employees and few contractors.

September 1975 to August 1976
University of Michigan
Lecturer

Taught chemistry for undergraduates and performed research work while completing my Ph.D thesis work.

OTHER:

Licensed by the State of New Mexico for calibration and service of X-ray machines for radiology

Have published over twenty papers in technical journals and have presented papers at symposiums and conferences

Was ranked number 1 in the University in the M.S degree program out of a class of sixty-six graduate students

HH000018

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: DAVID Snoelle

Date: 9/22/94

Questions

Score

- 1. Summarize your background/work experience as it relates to this position. *Work With Ala Pwr Chem - Coal + Sulfur
Secondary Site - ENVIR LABOR INCINERATOR - VA SQ* -10
- 2. Describe 3 projects/programs your helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. *Decont. Reveals for Sites - Renewed - updated
Environmental Compliance Manual* -9
- 3. Provide your definition of corporate support, corporate oversight, and their relationship. *Pr. of ties & site - get them involved w/ n problems* -9
- 4. What do you see as the main role for this position? *ComD Manual Rev. Revised, TAE - Mixed Waste Decont. Treatment* -9
- 5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? *Mainly Envir, but Sec Chem SOP* -9
- 6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. *coll. in* -9
- 7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? *Team effort - sensed owners' more "ownership" to site
Resourceful, team approach
Bring people together. Support of Team* -9
- 8. Describe at least 2 chemistry or environmental concerns of TVAN. *Mixed Waste - generation - area area, DCB problem
Hazardous Waste - shipping manifests* -9
- 9. Provide 3 of your strengths that you feel makes you qualified for this job. *Resourcefulness
VA inside & outside
Communication skills
TEAM effort* -9

-50

05161

HH000019

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1994 AUG 31 10:30

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name Sorrelle David Walton 2. Soc.Sec.No. [redacted]
3. Present Job Title Mgr., Environmental Prot. 4. Grade (Salary Policy Employees Only) PG-10
5. Organization TVAN Department Technical Programs

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chemistry: Env. Prot., Spl.
8. Grade (Salary Policy Employees Only) PG-8 9. Organization TVAN
Department Operations Services Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you. Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side.)

I am an experienced professional with more than 25 years in utility operations, manufacturing and engineering consulting. I have a double major in Chemistry and geology (B.S.). Eight years was devoted to fossil and nuclear operations at Alabama Power Co. in the startup and operation of 3 fossil and 1 nuclear unit. As manager of Facility Operations at Sony Magnetic Products for 10 years responsibilities included operation of a hazardous waste treatment facility and utility operations. My career responsibilities also included serving as Vice President of Environmental Special Projects for Vera Intl before joining TVA in 1987 in Chemistry as Project Manager. Recent responsibilities have included serving as manager of TVAN's Environmental Protection Program and serving as regulatory point of contact for environmental permitting and compliance. My experience in Chemistry and Environmental Protection makes me uniquely qualified to fill the referenced vacancy. (over)

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date 8/30/94

Mailing Address BRSD-C

This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Microrecords Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

HH000020

A resume is attached which summarizes my career and accomplishments.

Also I am a Board approved
- Certified Hazardous Materials Manager
and Asbestos Abatement Supervisor.

HH000021

DAVID W. SORRELLE

[REDACTED]
(615) 751-2216 (Work)

[REDACTED] (Home)

BACKGROUND SUMMARY

25 years of utility and private industry experience in environmental compliance and regulation, chemical control, implementation and long term operation management.

Knowledgeable in recycling, incineration, heat recovery and chemical management. Experienced in regulatory negotiations and utility/manufacturing systems startup.

ACCOMPLISHMENTS

- Appointed to "Advisory Committee on Hazardous Material and Resource Recovery (HAMMAR)" in 1986 by University of Alabama President, Dr. Joab Thomas.
- Appointed to "Advisory Committee on the Environment" by Alabama Governor Guy Hunt in 1987.
- Obtained Certified Hazardous Materials Manager (CHMM) certification in 1990 (CHMM # 2547).
- Obtained EPA Asbestos Abatement Supervisor certification in 1991 (AHERA 91-127-10).

WORK EXPERIENCE

TENNESSEE VALLEY AUTHORITY

Manager, Environmental Protection August 1989 - present

Manage Corporate Environmental Protection staff for TVA Nuclear.

Responsibilities include directive, policy and procedure development/maintenance, permit negotiations for 4 nuclear power sites, site self-assessments, environmental review of modifications and construction and technical support. In addition manage a \$6,200,000 aquatic and environmental budget which supports 7 facilities and a \$800,000 department operating budget.

Project Manager, Environmental Protection March 1988 - July 1989

Coordinated nuclear power chemical management program, site/facility regulatory and licensing requirements in Emergency Planning and Community Right to Know, air and water permitting. Had direct responsibility for renewal of Browns Ferry Nuclear Plant NPDES permit.

Project Manager, Chemistry November 1987 - March 1988

Supervised coordination of make-up water demineralizer and condensate polisher upgrades, training of personnel, procedure development and start-up assistance of Sequoyah Unit #2.

HH00CG22

VARA INTERNATIONAL, INC.

Vice President, Environmental Engineering July 1987 - November 1987
Managed activities relating to the design, construction and start-up of pollution abatement systems associated with volatile organic carbon vapor recovery and distillation. In addition responsible for design of hazardous waste processing and recycling utilizing thin film evaporators. Activities also included hazardous waste, air and water permitting.

SONY MAGNETIC PRODUCTS, INC.

Division Manager, Facility Engineering December 1976 - June 1987
Managed start-up and operation of \$20,000,000 solvent recovery and utility complex. Managed staff of 109 with responsibilities in engineering, maintenance, construction, drafting, building/grounds, and utilities. Management responsibilities included operation of an 8 column distillation unit, 9 carbon adsorbers, two thin film evaporators and 2 incinerators (one at 12 ton per day burning solid waste and one permitted to burn hazardous waste, both with energy recovery). Responsibilities also included the operation of four (4) gas fired boilers, five (5) 750 ton Trane air conditioning chillers and three (3) 1250 CFM compressors. In addition responsibilities included the management of a \$1,000,000 per month department budget.

ALABAMA POWER COMPANY

Supervisor, Chemistry and Radiochemistry February 1972 - December 1987
Managed chemistry and radiochemistry at Farley Nuclear Plant in Dothan, Alabama. Responsibilities included staff selection, laboratory equipment and supplies procurement, procedure development, and other related activities supporting the start-up of Farley Unit 1. Supervised the start-up and operation of a 500 gpm demineralized water treatment facility and turbine/reactor on-line instrumentation.

Chemist, Chemistry and Controls September 1969 - January 1972

Barry Steam Plant, Mobile Alabama - 1969 - 1971

Gorgas Steam Plant, Jasper, Alabama - 1971 - 1972

Provided laboratory support during construction and start-up of Barry Units 4 & 5 (400 and 750 megawatts respectively) and Gorgas Unit 10 (750 megawatts).

Activities included start-up and operation of 2 demineralized water treatment facilities and 3 polishing condensate demineralizers. In addition supervised the start-up of two (2) on-line instrumentation panels, training of staff personnel and procedure development.

EDUCATION

B. S., Chemistry and Zoology (Double Major), University of North Alabama, 1969

HH000023

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

854 SEP - 1 11 0

1. Name Dyson Alfred Middle 2. Soc. Sec. No. [Redacted]
3. Present Job Title Technical Services Supt. 4. Schedule & Grade PG-9
5. Organization F&H Pr Operations Department Allen Fossil Plant - Memphis

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chemistry & Environ Prot Spec
Schedule and Grade PG-8* 9. Organization Nuclear Power Department Operations Services
Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes," list names(s), relationship(s), and position(s).

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you [] Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

Education: M.S. Engineering Management
M.S. Chemical Engineering
B.S. Chemical Engineering
B.S. Mathematics (Minor: Chemistry)

Experience & Training: Over 16 yrs TVA Experience
(See Attached Resume for Details)

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

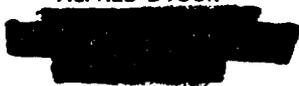
I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature Alfred Dyson Date 8/26/94
TVA Mailing Address FOS IA - ALF Phone: (901) 789-8478

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish placed in your personal history record should be sent by memorandum to Personnel Microrecords Unit, Knoxville, through your resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

HH000025

ALFRED DYSON



CHEMICAL ENGINEER with over TWENTY (20) years of CHEMICAL ENGINEERING/CHEMISTRY EXPERIENCE in engineering and management positions. Includes more than 10 years of experience in process evaluation, process development and design engineering of various power plant systems and industrial chemical processes. More than 2 years of instructing and preparing training programs for Nuclear Power Plant Radiochemical Laboratory Analysts and Chemical Engineers/Chemists. Three years as a Quality Assurance Evaluator of NUCLEAR POWER PLANT Chemistry, Environmental Compliance, and Radioactive Waste Management programs. Also, 4 years experience as an ANALYTICAL CHEMIST at an oil refinery. Experienced in the use of commercial process design simulators and very proficient in FORTRAN, BASIC, and LOTUS 1-2-3 programming languages for use on mainframe, mini and personal computer (PC) workstations.

EDUCATION

M.S. Engineering Management - University of Tennessee (Chattanooga, Tn.), 1992
M.S. Engineering (Option: Chemical) - University of Tennessee (Chattanooga, Tn.), 1982
B.S. Chemical Engineering - Christian Brothers College (Memphis, Tn.), 1978
B.S. Mathematics (Minor: Chemistry) - Kentucky State University (Frankfort, Ky.), 1973

WORK EXPERIENCE

February 1993
to
Present

Tennessee Valley Authority (TVA), Technical Services Superintendent, Fossil & Hydro Power Division, Allen Fossil Plant - As Manager of the Technical Services Department, manages the engineering activities and chemistry laboratory operations of a major fossil generating plant to the objectives mandated by the plant manager. The objectives include safety accountability; resource management; projected generation; heat rate, availability, reliability improvements; budget adherence, environmental compliance, plant support system development and improved employee relations.

December 1990
to
February 1993

TVA, Engineering Specialist (Chemical), Nuclear Engineering, WBN Plant & Chattanooga Corporate Engineering Office - As a management specialist and consultant, directed administrative and technical chemical engineering functions pertaining to environmental compliance, chemical processes for water treatment, radwaste management, and materials compatibility. Responsible for preparation and/or review of engineering design criterias, studies, system modifications (DCNs), and procedures; and resolution of plant operating problems affecting the design requirements of these chemical-related areas.

January 1988
to
December 1990

Tennessee Valley Authority (TVA), Quality Assurance Evaluator, Division of Nuclear Quality Assurance, Sequoyah Nuclear Plant - Planned and performed real time surveillance observations and audits of nuclear plant site work activities in the program areas of chemistry & chemical operations; environmental compliance and radiological effluent/radwaste management. Reviewed related documentation (e.g., Technical Instructions) to verify that the observed activity or program conforms to specified requirements. Then evaluated the adequacy and effectiveness of the activity; and report conditions adverse to quality and safety to management. Also performed reviews of revisions and preparations of radwaste, environmental, and chemical-related procedures to ensure compliance with NRC, EPA, & TVA policies (i.e., 10CFR, NPDES, FSAR, Technical Specifications, etc.) and made recommendations to management for improvements.

August 1985
to
January 1988

Tennessee Valley Authority (TVA), Chemical Engineer (Instructor), Division of Nuclear Training - Prepared and/or presented technical lesson plans which describe and analyze key design, operational, and chemistry-related parameters of nuclear power plant systems. Technical topics included water treatment systems, radwaste processing, corrosion, radiochemistry, on-line chemical process instrumentation, analytical laboratory methods & instrumentation theory, ion exchange theory, primary and secondary systems chemistries for unit operations.

January 1985
to
August 1985

TVA, Chemical Engineer, Conservation and Energy Management - Developed energy conservation engineering test procedures, designed the test apparatus, prepared purchase requisitions, and directed the work of lower grade engineers and craftsmen in the construction of the test apparatus. Collected test parameters using an IBM PC/XT and data logger; and wrote BASIC computer programs that converted the raw test data into graphical display of engineering variables.

September 1980
to
January 1985

TVA, Chemical Engineer, Office of Coal Gasification - Performed system technical assessments and preliminary economic assessments of various coal gasification technologies for TVA management's process selection for the North Alabama Coal Gasification Project at Murphy Hill, Alabama. During detailed design phase reviewed and evaluated P&IDs submitted by outside contractors for technical adequacy, accuracy, and workability; recommended changes when necessary. Acquired and installed the ASPEN simulator on the TVA IBM mainframe computer. Then developed and maintained FORTRAN computer programs that performed complex process design heat & material balance calculations of integrated plant systems. Using computer simulation techniques, performed process analysis of various operating alternatives to increase the efficiency of the plant design and provide a better perspective of plant performance. Also trained engineering aides and assisted engineering peers with the development of plant systems steady state mathematical models. Also prepared technical assessments for Environmental Impact Statement (EIS) preparation. When the project ended, worked (on loan) at Browns Ferry Nuclear Plant. Performed systems walkdowns of HPCI and RCIC systems to verify as-constructed mechanical flow diagrams. As a team member, assisted in the preparation of ECNs, FCRs, and DCRs for maintenance work packages.

ber 1978

TVA, Chemical Engineer, Energy Demonstrations & Technology (ED&T) - Assisted Senior Research and Development engineers with economic, thermodynamic, and feasibility studies of various syngas processes (e.g., coal liquefaction and gasification, biomass, fuel cells, cogeneration, etc.). Also included was the projection of data from pilot plant or bench scale to determine attributes and facilities of full-scale industrial plants. Kept abreast of novel energy processes and concepts by reading research journals and reports (e.g., DOE, EPRI, ORNL, etc.).

ber 1980

HH000026

August 1977
to
August 1978

Attended Christian Brothers College and studied chemical engineering as a full-time student.

1973
to
August 1977

Delta Oil Refining Company, Memphis, Tennessee; Chemist. Performed all aspects of final analytical testing (ASTM) on intermediate and finished products (e.g. gasolines, crudes oils, distillates, asphalts, process and waste waters, etc.). Worked full-time as the evening shift chemist and studied chemical engineering (part-time) during the day.

October 1972
to
April 1973

Commonwealth of Kentucky, State Highway Dept., Frankfort, Ky.; Civil Engineering Aide (part-time). Assisted state civil engineers study, plan, and implement construction of interstate highways (e.g., I-64) and state routes throughout Kentucky, with field trips included.

COLLEGE
SUMMER
WORK

Maintenance Department, Christian Brothers College, Memphis, Tennessee (1978)
Substitute Teacher, Memphis City Schools, Memphis, Tennessee (1971)
Tutor/Counselor, Project Upward Bound, Kentucky State University, Frankfort, Ky. (1968)

TECHNICAL
TRAINING

TVA sponsored computer courses in IBM, TSO, SAS, VSFORTRAN & PRIDE Methodology.
Process Modeling and Computer (Dynamic) Simulation", University of Colorado (Boulder, Colorado)
Introductory Training Course for ASPEN PLUS", ASPEN Technology, Inc., (Cambridge, Massachusetts)
Advanced ASPEN Training", JSD, Inc., (Denver, Colorado)
PWR Systems Training for Engineers", Office of Nuclear Power (TVA)
BWR Systems Training for Engineers", Office of Nuclear Power (TVA)
Instructor Certification Program", Division of Nuclear Training (TVA)
Codes, Standards, and Regulatory Requirements", Division of Nuclear Training (TVA)
BWR Chemistry for STA", General Electric Corporation, (San Jose, California)
Radiochemistry Principles and Applications", General Physics Corporation, (Columbia, Maryland)
PWR Chemistry/Radiochemistry Data Evaluation and Interpretation", NUS Corporation, Pittsburgh, Pa.)
Laboratory Safety", TVA Technical Support Branch, (Muscle Shoals, AL.)
Power Plant Fundamentals For Utility Engineers", GPS Technologies (Columbia, MD)
Environmental Regulation Course", Executive Enterprises (Little Rock, Arkansas)

MANAGEMENT
TRAINING

Project Management", Georgia State University, (Atlanta, Georgia)
Supervisor Development Course", Management Training, Nuclear Personnel Division (TVA)
Performance Monitoring and Feedback", Management Training, Nuclear Personnel Division (TVA)
Managing Upward", Management Training, Nuclear Personnel Division (TVA)
Management Concepts and Practices", Management Training, Nuclear Personnel Division (TVA)
Supervisory Safety Training", Management Training, Nuclear Personnel Division (TVA)
Problem Solving & Decision Analysis (Kepnor Tregore)", Management Training (TVA)
The Management Course - Unit I: The Art Of Management", AMA (Hilton Head, SC)

PROFESSIONAL
ACTIVITIES

Member of AIChE (Chairman of Local Chattanooga Chapter), Chattanooga Engineers Club, NTA,
NOBCChE

LICENSE

EIT (Tennessee)

PUBLICATION

COMPUTER SIMULATION OF A CLAUS SULFUR RECOVERY PROCESS

PERSONAL

Born [REDACTED] Married; Height 5 ft. 11 in.; Weight 180 lbs.

REFERENCES

Furnished upon request

HH000027

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate:

Gary Fisher

Date:

9/22/04

Questions

Score

- 1. Summarize your background/work experience as it relates to this position. *31 years Chem & Env. Protection, 03-07-02 Reg. Man. SQN Chem & Env. Manager & 07-02-04 Manager* -9
- 2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. *Customer on WBN, ORR - environmental critical work - NOT READY FOR look IN SAME AREA - part of WBN in Reg - Dept - 03 Chem Tech Database* -7
- 3. Provide your definition of corporate support, corporate oversight, and their relationship. *Ensure site prod a success support - help - cognize - O-ORR where fault is about NOT DON'T DO - more* -0
- 4. What do you see as the main role for this position? *ASSURE SUCCESS OF WBN CHEMISTRY GROUP* -8
- 5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? *Both at SQN ENV & non-compliance & 33 & 7 TAKE SERIOUSLY NON COND RACE* -0
- 6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. *Ownership of program GET ON SITE - IN FIELD - FIND PROBLEMS RATE VOLLER 8-6 RESPONSIVE - DON'T LEAVE HANDS* +9
- 7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? *DETERMINE IMMEDIATE NEEDS - GO TO WORK DISCUSSED WITH ALL - NO ROOT CAUSE IN IT, INVOLVED IN - trouble shooting DETAIL INVOLVEMENT* -8
- 8. Describe at least 2 chemistry or environmental concerns of TVAN. *CCS problem at all sites - Permit Clean - WBN ENVIRON Impact Statement* +8
- 9. Provide 3 of your strengths that you feel makes you qualified for this job. *Background w/ Plant Site Manager Experience LET GUARD DOWN IN AREA* +7

05161

7d

HH000028

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1984 AUG 31

Form is to be completed only by present TVA employees when they want to apply for announced vacant position and should be sent to address given on announcement.

1. Name Fiser Gary L. 2. Soc.Sec.No. [REDACTED]
Last First Middle

3. Present Job Title Chemistry Program Mgr. 4. Schedule and Grade (Salary Policy Employees Only) PS-8

5. Organization Chemistry Department _____

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title # 6621, Chem + Env Prot Specialist

8. Schedule and Grade (Salary Policy Employees Only) PS-8 9. Organization Chemistry + E.P.

Department Chemistry + E.P. Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes", list name(s), relationship(s), and position(s):

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you. Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

See attached Resume.

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date 8-31-94

TVA Mailing Address BR51

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Records Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar above, unless the information is in the form of a certificate or similar document.

GARY LYNN FISER

(Residence)

(615) 751-4955 (Work)

OBJECTIVE: To use my 21 years of experience and training in the field of chemistry and radiochemistry to help others achieve a new standard of excellence.

EDUCATION:

- 1972-1973 University of Arkansas, Fayetteville, Arkansas
30 hours graduate level in Microbiology
- 1972 Quachita University, Arkadelphia, Arkansas
B.S. Major: Chemistry; Minor: Biology
- 1967 Sheridan High School, Sheridan, Arkansas
- 1981 Louisiana State University, Baton Rouge, Louisiana
Fundamentals of Supervision Course

WORK EXPERIENCE:

TENNESSEE VALLEY AUTHORITY
Cannonville, Tennessee

1987 - 1993

Chemistry and Environmental Superintendent, Sequoyah, April 1988 - April 1993

Responsible for forty-eight chemistry, radiochemistry, and environmental personnel. Major responsibilities included primary system chemistry and radiochemistry, secondary chemistry and feedwater chemistry control. Ensuring that radioactive effluents were within NRC and plant limits. Steam generator, condenser, condensate demineralizer, water treatment plant performance monitoring. Development of annual operating budget for the department (approximately \$4,000,000). Laboratory quality control and retraining. Ensuring that releases from the site were in compliance with the Tennessee Department of Health and Environment requirements, and the NPDES permit for Sequoyah. Also, participated in the recovery efforts leading to the successful restart of Sequoyah units one and two following an extended shutdown due to NRC safety concerns.

Chemistry Program Manager, September 1987 - April 1988

Responsible for managing the activities of Nuclear Power Chemistry Organization. Major responsibilities included providing direction and assistance to ensure consistency between site chemistry programs. Directing the development and maintenance of the Chemistry Directive and recommending changes to same. Concurrence with procedures, procedure changes, and site budgetary plans. Evaluations of the Chemistry Program, training, documentation, trends, and equipment. Directing the development of training and qualification criteria.

NSAS POWER AND LIGHT
Fayetteville, Arkansas

1973 - 1987

Quality Specialist, September 1986 - September 1987

Responsible for observations, surveillances, and audits for all areas of the plant, including Chemistry, Radiochemistry, Security, Corporate, Training, Design Control, and Operations.

HH000030

NSAS POWER AND LIGHT (Continued)

Radiochemistry Supervisor, June 1979 - August 1986

Responsible for safety and training of 17 radiochemists and three supervisors. Major responsibilities included all chemistry and radiochemistry on primary systems for both B & W and C.E. units. Radioactive effluents (gaseous and liquid), ensuring that the effluents were within the U. S. NRC Technical Specifications and plant guidelines, documentation and reporting of same. Post Accident Sampling System design, construction, training, and performance checks. Gaseous Effluent Monitoring System, both normal and extended range for accident conditions. Plant Safety Committee Member. Dose Assessment Team Leader for the Emergency Response Organization.

Radiochemist, February 1974 - June 1979

Assisted in the initial setup of both the wet chemistry and radiochemistry laboratories and the radiochemistry counting room. This included initial instrument check-out, debugging, calibration, standardization, writing procedures and computer program, and setting up control/trend charts. Also, assisted in the start-up effort for C.E. PWR (Unit 2) with U-tube steam generators. Responsibilities included sampling and analysis of primary side systems and components, analyzing, trending, and reporting/documenting analytical results.

Chemist/Health Physics, August 1973 - January 1974

Responsible for obtaining primary and secondary samples in support of the start-up effort for B&W PWR (Unit 1) with OTSG's. Also, rotated into the Health Physics department for various assignments such as contamination surveys, alpha beta analysis using gas flow proportional counting equipment, gamma spectroscopy (Ge(Li) and NA(I), shielding surveys, and filing records.

ITA UNIVERSITY

1970 - 1972

Arkadelphia, Arkansas

Research Assistant

Assisted Dr. Joe Nix by performing chemical analysis on the Caddo River/De Gray Reservoir. Responsible for obtaining samples, preparation of samples for chemical analysis, and performing analytical tests using gas chromatography, atomic absorption spectrophotometer, IR absorbance equipment, and selective ion electrodes.

OTHER TRAINING

Kepner Tregoe Training in Problem Solving a Decision Analysis
 B&W Radiochemistry Course, Lynchburg Research Center
 Cardiopulmonary Resuscitation Training, Instructors Course
 Supervisory Transition Course
 Time Management
 Fundamentals of Maintenance Management
 Supervisory Practices Seminar
 Middle South Services Auditor Training Course
 Numerous computer training courses

PUBLICATIONS/PRESENTATIONS

"Radiochemistry Quality Control - How Do You Know Your Numbers are Right?",
 presented at the 1984 INPO Chemistry Managers Workshop.

"Environmental Radiological Analysis of Fish as an Indicator of Liquid
 Release Pathway-Model Validation," presented at the Eighteenth Midyear
 Topical Symposium of the Health Physics Society in January, 1985.

HH000031

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Joe Pleva

Date: 9/28/94

Questions

Score

- 1. Summarize your background/work experience as it relates to this position. Worked at site 1973-1978. Started as Chemist at EPA - then moved to EPA - then to EPA - then to EPA 7
- 2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. ENCP - Action Plan - 1978 - 1980. OTC - 1980 - 1982 9
- 3. Provide your definition of corporate support, corporate oversight, and their relationship. Corporate support is providing resources and information. Corporate oversight is monitoring and controlling the work. 9
- 4. What do you see as the main role for this position? Site management and problem solving. 7
- 5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? Very flexible and receptive. Can work in either area. 7
- Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. 100% responsible for site chemistry and environmental protection. 7
- 7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? Investigate cause - problem identification. Work with site staff to find solution. Provide support. 9
- 8. Describe at least 2 chemistry or environmental concerns of TVAN. ISPC - 1/2 water quality. EN - 1/2 water quality. 1/2 water quality. 9
- 9. Provide 3 of your strengths that you feel makes you qualified for this job. Experienced TVR county representative. Technically oriented. Good listening and understanding. Good communication. 9

77

05161

HH000032

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1994 AUG 17 11 10 41

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name PLEVA JOSEPH M 2. Soc. Sec. No. [REDACTED]
Last First Middle
 3. Present Job Title NUCLEAR SAFETY REVIEW BOARD ADMINISTRATOR 4. Schedule & Grade PG-9
 5. Division NUCLEAR ASSURANCE AND LICENSING Branch INDEPENDENT REVIEWS AND ANALYSIS

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title CHEM & ENVIRON PROT SPECIALIST
 Schedule and Grade PG-8 8. Division OPERATIONS SERVICES Branch _____
 Section CHEM & ENVIRON PROTECTION Work Location CHATTANOOGA
 10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half-brother or half-sister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on reverse side.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you . Obtain copies from your division personnel office if necessary. (If additional space is needed, use reverse side)

SEE ATTACHED RESUME

13. If announcement specifies test requirements, have you qualified on the required test(s)? _____

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date August 15, 1994
 TVA Mailing Address BR 41-C HH000033

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Files, Knoxville, through your division personnel officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

615-751-2712 Office

Education

B.S. Chemical Engineering, University of Tennessee, Knoxville, Tennessee - 1971
Registered Professional Engineer in Tennessee - 1977, license No. 11,731
Westinghouse PWR Chemistry Course
ASME Course - Radioactive Waste Management
BWR and PWR Systems Training
Dale Carnegie Public Speaking Course
Various Technical and Management Training classes
Member of ASME Code on Nuclear Air and Gas Treatment - ASME/ANSI AG-1 - 1988

Experience

TENNESSEE VALLEY AUTHORITY

September 1991
Present
NSRB Administrator for Sequoyah Nuclear Plant and Principle Nuclear Reviewer. Duties were similar to the Watts Bar position. Other duties included: Providing NSRB required oversight for all Technical Specification changes and chairing the safety assessment and safety evaluation subcommittee which overviews the SQN 50.59 program. Assisted in special reviews requested by senior management.

January, 1991 -
September 1991
Nuclear Safety Review Board Administrator for Watts Bar Nuclear Plant. Implemented the off site Nuclear Safety Review Program as required by site technical specifications. This included performing independent safety reviews, arranging meetings, coordinating subcommittee reviews, training members and advisors and preparing required reports for Senior Management and the TVA Board of Directors. Maintained regular contact with various senior TVA nuclear management on NRSB activities.

November 1986 -
January 1991
Assistant Manager for Employee Concern Program (ECP) Chattanooga, Tennessee. Prepared major revisions to ECP operating procedure based on first year's operating experience. Assigned as special investigator for complex employee concerns at various plant sites. Provided overall coordination and leadership in organizing and conducting the ECP conference in which 40 nuclear sites were represented.

June 1986 -
October 1986
Assistant Manager for ECP at the Browns Ferry Nuclear Plant, Athens, Alabama. Received, investigated, evaluated, reported on and responded to employee concerns in various technical (civil, electrical, mechanical, etc.) and personnel matters. This included recommending solutions to senior managers for corrective action.

August 1985 -
June 1986
Senior Project Engineer, Browns Ferry Nuclear Plant, Athens, Alabama. Responsible for upgrading all plant engineering procedures (nuclear, mechanical, chemical, etc.). Assigned as Project Manager on the installation of a Wide Range Gaseous Effluent Monitoring System which was needed to meet NU REG 0737 requirements. In addition, supervised three experienced Project Engineers.

February 1984 -
August 1985
Project Engineer, Browns Ferry Nuclear Plant, Athens, Alabama. Functioned as an internal consultant to the plant to ensure that all regulatory deficiencies (NRC, INPO, etc.) were identified. A Chemistry Improvement Plan with 149 action plans was developed and implemented onsite. This included working with the plant chemical unit supervisor in areas of chemistry, radiochemistry, radiation monitoring, water treatment systems, process instrumentation, and other related areas.

HH000034

Resume
Joseph M. Pleva

- January 1980 -
February 1984
Chemical Engineering Supervisor, Chattanooga, Tennessee. Responsible for all corporate chemical engineering support for the nuclear power program. This involved engineering support for the nuclear power program. This involved coordination of major chemical engineering programs, development of chemical engineering standards based on various industry and regulatory requirements, and the analysis of plant chemical processing system performance so that maximum safety, economy, efficiency, and availability of generating units was achieved. Worked as utility representative in the development of EPRI BWR Water Chemistry Guidelines.
- October 1977 -
December 1979
Senior Chemical Engineer, Chattanooga, Tennessee. Functioned as principal consulting engineer for operation of radwaste water processing equipment for all TVA nuclear plants. Other system engineering responsibilities were: sodium hypochlorite, condensate demineralizers, water clarification and makeup demineralization, and offgas system. Successfully completed a 1-week course on both BWR and PWR operation which included simulator and plant system training. Represented TVA on an ASME subcommittee on testing on offgas systems.
- March 1974 -
September 1977
Chemical Engineer, Sequoyah Nuclear Plant, Soddy-Daisy, Tennessee. Served as lead engineer on startup and subsequent operation of water treatment systems and auxiliary boilers. Prepared plant instructions for liquid and gaseous radwaste releases, radiation monitoring systems, ventilation equipment, radiochemical laboratory instrumentation, and plant water chemistry specifications. Taught classes in plant systems and water chemistry to operations and engineering personnel.
- December 1972 -
February 1974
Chemical Engineer, Chattanooga, Tennessee. Served as consultant to fossil plants on minimizing corrosion problems and supervised startup of new water treatment plants and demineralizer systems.
- August 1971 -
September 1972
Chemical Engineer, Cumberland Steam Plant, Cumberland City, Tennessee. Solved various problems encountered during plant startup. These areas included chemical cleaning, makeup water treatment system, condensate demineralizers, sewage plant, process instrumentation, and analytical chemistry methods.
- Summer 1970 -
Summer 1967
Chemical Engineering Aide, Shawnee Steam Plant. Assisted senior chemical engineer on evaluation of flue gas scrubbing process by injecting limestone directly into the boiler. Chemical Engineering Aide, Chattanooga, Tennessee. Performed various laboratory analyses and air quality tests at research laboratory to determine the optimum method of scrubbing sulfur and nitrous oxides from fossil plant flue gas. Mechanical Engineering Aide, Chattanooga, Tennessee. Performed precipitator and condenser efficiency tests at various fossil fueled plants. Evaluated data to determine whether equipment operated as guaranteed by vendor. Ironworker, Nickajack Dam. Worked as ironworker in fabrication shop.

0589b

HH000035

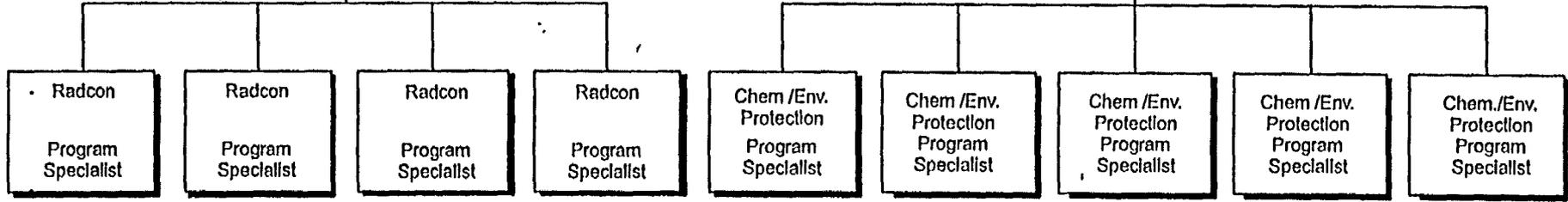
O.D. Kingsley, Jr.
 Sr. V.P.
 Nuclear
 Operations
 Ike Zeringue

Manager
 OPS Services
 J.P.
 Maclojewski

Radiological
 Control
 Manager

Secretary

Chemistry and
 Environmental Protection
 Manager



- RMSM Owner
- Multi-Site Contracts
- Radwaste Expertise
- Radwaste Permits
- Industry Benchmarking
- CECC Support
- Site Outage Planning Support
- Byproduct Material License Support
- TVAN Rad. Control Program & Project Management

- Radiological Protection Program Expertise
- Exposure Management Expertise (ALARA)
- Applied Radiological Control Expertise
- By Product material Control Expertise
- Site Outage Planning Support
- Radiological Asst. Expertise
- CECC Support
- TVAN Rad. Control Program & Project Management

- NVLAP Rep/Tech. Director/ Quality Manager
- TLDSS/TLDAS Application Owner
- Chair, REAG
- Litigation Minimization
- TVAN Rad Control Program & Project Management
- Exposure Records & Records system Expertise
- CECC Support
- External Dosimetry Expertise

- Internal Dosimetry Expertise
- External Dosimetry Expertise
- REXS App. Owner
- Multi-Site Contracts
- Radiological Protection Expertise
- Instrumentation (Port/ Fixed) Expertise
- CECC Support
- Project Management

- NPDES Permitting
- State Operating Permits
- Ground Water Investigations
- Stormwater Permitting
- 404 Permits
- Training (Water/UST)
- Contracts Administration
- UST Permitting
- SPCC-Oil Plan
- CECC Support
- Self Assessments
- NEPA Reviews
- Resin Analysis and Specifications
- Chemical Traffic Control

- Site Lead Contact
- NEPA Reviews
- Asbestos Permitting/ Abatement
- PCB's
- Ozone Depletion (Title VI)
- Toxic Emission (Title III)
- Training (Air/PCB)
- Pesticides/ Herbicides
- Potable Water
- Self Assessment
- CECC Support
- Facility Permitting (Title V)
- Chemistry Manual Updates
- Chemistry Standards Updates
- Diesel Fuel Oil Control
- Bulk Chemical Control
- Make-Up Water Treatment
- Post Accident Sampling Systems

- Site Lead Contact
- Secondary Chemistry
- On-Line/Bench Instrumentation
- Steam Gen. Chemistry Programs
- CECC Support
- Westinghouse PIP
- Self Assessment
- Service Water Treatment Program
- Zinc Injection
- Raw Water Treatment
- Hazardous Materials Control Plan
- Training (Hazardous Waste)
- Hazardous Waste
- Hazardous Materials Review (313)
- Chemistry Data Management
- Steam Gen. Chemistry

- Site Lead Contact
- Primary Chemistry
- Hydrogen Water Chemistry
- Radiation Monitors
- Radioanalytical Working Group
- Source Term Reduction
- Gamma Scans/Outage
- Fuel Performance
- Chemical Cleaning / Decon
- Self Assessments
- CECC Support
- Cooling Tower Program
- Startup/Shutdown Chemistry
- Dose Assessment
- Radioactive Effluents Reports
- ODCM/RARC Chairman
- Met. Monitoring
- Training (REPI/ODCM)
- Solid Waste
- Site Budget Reviews

- Site Lead Contact
- Software Control Program
- Countroom QC Standardization
- Inter/Intra Laboratory QC Program
- Polisher Performance
- CECC Support
- Self Assessments
- Analytical Chemistry
- SARA (Tier II)
- Landfill/Disposal Permitting
- CERCLA
- NEPA Reviews
- Mixed Waste Permitting
- Analytical Working Group

HH000036

CANDIDATES

FWS

HH000037

September 14, 1994

Ben G. Easley, LP 3A-C

INTERVIEW SCHEDULE - CHEMISTRY AND ENVIRONMENTAL PROTECTION SPECIALISTS
PG-7 (ANNOUNCEMENT NO. 6620) AND PG-8 (ANNOUNCEMENT NO. 6621) AND
RADIOLOGICAL CONTROL SPECIALIST PG-8 (ANNOUNCEMENT NO. 6613)

It is requested that your office set up interviews for the individuals listed below. The interviews will be conducted at BR 5N A12, Ivy Creek Room on September 22 and 23.

PG-8 Positions

Date: 9/22/94

Chemistry and Environmental Specialist:

<u>Name</u>	<u>Time</u>
Sam L. Harvey	8:30 a.m.
E. S. Chandrasekaran	9:15 a.m.
David W. Sorrelle	10:00 a.m.
Alfred Dyson	10:45 a.m.
Gary Fiser	11:30 a.m.

Radiological Control Specialist:

<u>Name</u>	<u>Time</u>
John Flood	1:45 p.m.
Regis Nicoll	2:30 p.m.
John Leamon	3:15 p.m.
Gerald Knight	4:00 p.m.

PG-7 Positions

Date: 9/23/94

Chemistry and Environmental Specialist:

Gerald Knight	8:30 a.m.
James Mullenix	9:15 a.m.
Thomas Forsythe	10:00 a.m.
Betsy Eiford-Lee	10:45 a.m.
Jim Mantooth	11:30 a.m.
Joseph Johnson	12:15 p.m.
James Griggs	1:00 p.m.

Date: 9/26/94

Brian Williamson 9:00 a.m., BR 5D-C

HH000038

Ben G. Easley
Page 2
September 14, 1994

The following Selection Boards have been assembled:

Date: 9/22/94

9/23/94

Board Members

Board Members

Gordon Rich/Dave Voeller
John Sabados
Pat Hughes/Wilson McArthur
Ron Grover
Ben Easley

Gordon Rich
Glen Bugg
Jerry Osborne

All board members are asked to assemble by 8:15 a.m. on their respective day. All material such as resumes, suggested questions, etc., will be provided.

W. C. McArthur
R. O. Grover
Manager
Chemistry and Environmental
Protection
BR 5D-C

W. C. McArthur
W. C. McArthur
Manager
Radiological Control
BR 5D-C

ROG:WCM:DJL

cc: S. G. Bugg, POB 2D-BFN
P. W. Hughes, MOB 2U-WBN
J. P. Maciejewski, LP 3B-C
J. D. Osborne, SBT 3A-SQN
G. L. Rich, OPS 2B-SQN
J. W. Sabados, POB 2D-BFN
D. J. Voeller, MOB 1F-WBN

05121

HH000039

VACANT POSITION ANNOUNCEMENT

SUMMARY DESCRIPTION OF DUTIES:

PROVIDE SENIOR TECHNICAL DIRECTION, SUPPORT, & OVERSIGHT TO THE TVAN CHEMISTRY & ENVIRONMENTAL PROTECTION PROGRAMS. THE INCUMBENT SERVES AS THE PRIMARY LIAISON BETWEEN THE SITES & TVAN CORPORATE. MANAGES THE IMPLEMENTATION OF DIRECTIVES, STANDARDS, & POLICIES & REGULATIONS AT ALL TVAN SITES. IS THE LEAD INDIVIDUAL FOR ENSURING THAT HIGH STANDARDS ARE SET & MAINTAINED AT BOTH CORPORATE & THE SITES. HIS/HER EFFORTS ARE FOCUSED ON ESTABLISHING/MAINTAINING A CHEMISTRY & ENVIRONMENTAL PROGRAM THAT ENHANCES THE SAFE & RELIABLE OPERATION OF TVAN SITES.

MINIMUM QUALIFICATIONS:

SHOULD HAVE A BACHELORS DEGREE OR THE EQUIVALENT IN CHEMISTRY, ENVIRONMENTAL SCIENCES, OR CHEMICAL ENGINEERING, INCLUDING FORMAL TRAINING & EXPERIENCE IN MANAGEMENT. SHALL HAVE AT LEAST EIGHT YEARS OF PROFESSIONAL EXPERIENCE IN APPLIED CHEMISTRY OR ENVIRONMENTAL PROTECTION, WITH EXPERIENCE AT AN OPERATING NUCLEAR PLANT PREFERABLE. SHOULD HAVE DETAILED KNOWLEDGE OF MODERN ANALYTICAL & RADIOANALYTICAL EQUIPMENT & METHODS USED FOR PERFORMING ALL REQUIRED CHEMISTRY & ENVIRONMENTAL ANALYSES AT TVAN SITES WHICH INCLUDES EQUIPMENT OPERATION & CAPABILITIES. HE/SHE MUST POSSESS GOOD KNOWLEDGE BASE IN AREAS OF ENVIRONMENTAL REGULATIONS.

TVA-WIDE MANAGEMENT

HOW TO APPLY - EMPLOYEES GET THE APPROPRIATE EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION FORM AT YOUR LOCAL PERSONNEL, EMPLOYMENT, OR ADMINISTRATIVE OFFICE. THE FORM TO USE FOR THIS POSITION IS FORM TVA 9824. COMPLETE AND SEND THE FORM TO:

NUCLEAR HUMAN RESOURCES
LOOKOUT PLACE 3A-C (X-3820)

CLOSING DATE:

08/31/94

APPLICATIONS RECEIVED AFTER CLOSING DATE ARE NOT ENTITLED TO CONSIDERATION. BUT MAY BE CONSIDERED AT TVAS OPTION.

POST ON WHITE PAPER

TVA NUCLEAR		WORK LOCATION CHATTANOOGA
OPERATIONS SERVICES/CHEM & ENVIRON PROTECTIO OPV: JOHN MACIEJEWSKI		POSITION CHEMISTRY & ENVIRON PROTECTION SPECIALIST 4 POSITIONS HH0C0040
DEPARTMENT *PG 8 PENDING FINAL HAY EVALUATION	SCHEDULE AND GRADE PG 8*	ANNOUNCEMENT NO. 6621

VA IS AN EQUAL OPPORTUNITY EMPLOYER. SELECTIONS WILL BE MADE ON THE BASIS OF MERIT AND EFFICIENCY AS SET OUT IN THE VA ACT AND APPLICABLE LAWS PROHIBITING DISCRIMINATION IN FEDERAL EMPLOYMENT.

POSITION DESCRIPTION

PD NO. _____

Name _____

Social Security Number _____

Position Title CHEMISTRY AND ENVIRONMENTAL PROTECTION PROGRAM SPECIALIST

Pay Group or Schedule/Grade PG-8

Location Chattanooga

Effective Date _____

Organization Titles:

Group TVAN

Incumbent's Signature _____

Operations Nuclear Operations

Supervisor's Signature _____

Division Operations Services

HRM/HRO's Signature _____

Department Chemistry and Environmental Protection

Reports to _____

Section _____

(Title) Manager, Chemistry and Environmental Protection

Org Code _____

Supervisory _____

Approved Job Code: _____

Function Code: _____

Schedule/Pay Grade: _____

POSITION EVALUATION:

EVALUATION DATE: _____

EC&R REVIEWER INITIALS: _____

K-H Slot	K-H Pts	P-S Slot	P-S Pts	Acct Slot	Acct Pts	Total Pts	Profile

POSITION PURPOSE:

The senior technical direction, support, and oversight to the TVAN chemistry and environmental protection sites. The incumbent serves as the primary liaison between the sites and TVAN corporate. The incumbent is responsible for the implementation of directives, standards, and policies and regulations at all TVAN sites. The incumbent is the lead individual for ensuring that high standards are set and maintained at both corporate and the sites. His/her efforts are focused on establishing/maintaining a chemistry and environmental program that enhances the safe and reliable operation of TVAN sites.

DIMENSIONS:

Employee:

Management/Professional/Technical = 0
Clerical/Technical Support = 0
TOTAL = 0

Budget:

Operating = 0
Payroll = 0
TOTAL = 0

Distribution: Original - Human Resources Microrecords Unit, Knoxville
Copy - Operations Organization (as needed)
Copy - Central Office of Union Having Jurisdiction
Copy - Employee

HH000041

NAME _____ SSN _____ EFFECTIVE DATE _____
(First) (Middle) (Last)

PRINCIPAL ACCOUNTABILITIES:

General:

1. Provide technical and programmatic expertise for implementation of the TVAN chemistry and environmental protection programs at individual sites. Provide direction as needed for project managers managing projects at his/her assigned site. Oversee the activities of other personnel assigned support functions for meeting the responsibilities of this position.
2. Assist site management with interpretation of chemistry and environmental policy; review and concur with site procedures and other TVAN documents that may impact the programs. Promote optimum consistency among site programs.
3. Recommend chemistry and environmental protection goals and specifications that are consistent with best industry practices, and assist with the implementation of actions to achieve them. Direct the performance of site evaluations of the chemistry and environmental protection programs to ensure consistency and compliance with established requirements.
4. Direct review and concur with root cause analyses for identified chemistry and environmental protection program problems, direct the development of corrective action plans, and coordinate the implementation of approved corrective actions.
5. Direct the performance of regulatory and licensing reviews of chemistry and environmental issues, recommend TVAN responses or positions, and concur with responses to external organizations.
6. Direct the development of chemistry and environmental protection training and qualification criteria. Conduct specialized seminars on chemistry and environmental protection technical topics as requested.
7. Provide long-term/large scope project support to the plant sites for major chemistry and environmental projects. Provide short-term plant problem response to the sites as requested.
8. Perform long-term data trending and assessment of key chemistry and environmental protection data. Provide appropriate feedback and corrective action proposals as necessary. Prepare an Annual Chemistry and Environmental Protection Report; review for concurrence with site staffs and issue.
9. Function as a primary TVA representative to the EPRI PWR Primary Water Chemistry Committee, EPRI/SGOG Chemistry Committee and EPRI BWR Owners Group Chemistry Committee and the appropriate environmental protection committees. Coordinate the release of chemistry and environmental data to outside organizations as authorized.
10. Serve as a chemistry and environmental protection specialist or alternate dose assessor, or environmental assessor, in the event of a radiological emergency. Remain on call 24 hours per day unless relieved by other approved personnel.
11. Actively engage in weekly plant tours, personnel interviews, observation feedback and working meetings during routine operations and plant outages. Coordinate with sites the preparation for INPO evaluations and responses.
12. Function as team leader and provide technical expertise in support of the Quarterly Chemistry and Environmental Protection Team assessments for TVAN sites.
13. Chair working groups such as radioanalytical working group, and analytical working group, the radiological assessment review committee.
14. Develop research and development project issues and act as technical coordinator. Compile data and research positions that support requests for systems specification changes and engineering design changes.

HH000042

Specific:

1. Act as a senior technical advisor and assist in carrying out site specific environmental permitting tasks such as NPDES, NEPA, underground storage tanks, asbestos, 404 Permits, landfill/disposal, mixed waste, material storage, storm water.
2. Provide direction in the implementation of site hazardous materials control plans, the proper handling and shipping of hazardous waste, mixed waste and solid waste.
3. Function as the TVAN senior technical expert to the sites in the areas of Chemical Traffic Control plans, bulk chemical control, handling of spills, PWR and BWR operational chemistry control, laboratory QA/QC, radioactive effluents, demineralization, post-accident sampling requirements, and failed fuel action plans.
4. Develop and interpret detailed data trending in the areas of primary and secondary chemistry for both BWR's and PWR's, auxiliary and makeup systems chemistry, radioactive effluents, site environmental discharges. Provide specific feedback for improvement on a routine basis.
5. Make recommendations to TVAN sites on resin type for usage in all plant applications. Assist the site in the development of resin specifications and analysis.
6. Understand the purpose and provide direction to TVAN site staffs in the implementation of such programs as ETA/Boric Acid/Molar-ratio control, secondary PWR Chemistry Control, IGSCC, mitigation, HWC and Zinc injection programs for BWR's, zebra mussel/clam control in service water systems.
7. Function as the senior technical expert and provide direction to the TVAN sites in all aspects of PWR steam generator chemistry/corrosion control which include hideout return evaluations, sludge lancing, chemical cleaning, and corrosion product transport minimization.
8. Function as the senior technical expert and provide direction to the TVAN sites in the areas of ODCM and radiological effluents management. Coordinate all regulatory updates.

MINIMUM QUALIFICATIONS:

The manager should have a bachelors degree or the equivalent in chemistry, environmental sciences, or chemical engineering, including formal training and experience in management. The manager shall have at least eight years of professional experience in applied chemistry or environmental protection, with experience at an operating nuclear plant preferable. The manager should have detailed knowledge of modern analytical and radioanalytical equipment and methods used for performing all required chemistry and environmental analyses at TVAN sites which includes equipment operation and capabilities. He/she must possess a very good knowledge base in the areas of environmental regulations, PWR and BWR chemistry control guidelines and permitting requirements. An advanced degree and ten years experience at the professional or managerial level are desirable.

HF000044

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Sam L. Harvey

Date: 9-22-94

Questions

Score

1. Summarize your background/work experience as it relates to this position. position 3 1/2 yrs primarily support
Common Contracts SQW 9
2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. Raw Water Project: Implementation ETA to SQW 8
3. Provide your definition of corporate support, corporate oversight, and their relationship. 10
4. What do you see as the main role for this position? Tech Support 8
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? 7
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. ownership 8
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? 7
8. Describe at least 2 chemistry or environmental concerns of TVAN. SG Integrity Vessel Integrity
Raw Water Corrosion Zebra mussels 9
9. Provide 3 of your strengths that you feel makes you qualified for this job. Strong Technical PWR
Some environmental 7

05161

- ② Good troubleshooting -
- ③ Good rapport with people

93

HH000045

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

Received:

This form is to be completed only by present TVA employees when they want to apply for announced vacant position and should be sent to address given on announcement.

1. Name HARVEY III SAM L. 2. Soc. Sec. No. [REDACTED]
Last First Middle

3. Present Job Title Program Manager 4. Schedule & Grade PG 8

5. Organization Operations Services Department Chemistry

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chem. & Env. Spec.

8. Schedule & Grade PG 8 9. Organization Nuclear Power Department Oper. Service
Section Chem. & Environmental Protection Work Location Chattanooga

10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on page 2.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you (). Obtain copies from your organization human resource office if necessary. (If additional space is needed, use page 2.)

SEE ATTACHED RESUME.

0745x

TVA 9824 (HR 8-78) [10-89] Page 1 of 2

HH000046

Name Harvey III Sam L. 2. Soc. Sec. No. [REDACTED]
Last First Middle

13. If announcement specified test requirements, have you qualified on the required test(s)? N/A

do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Handwritten Signature] Date 8/16/94

TVA Mailing Address BR 5D-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Human Resources Files, Knoxville, through your organization human resource officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

RESUME

Sam L. Harvey III

OBJECTIVE A challenging position where my education and experience in Chemistry will be an asset offering the opportunity for professional growth in Management and Supervision.

SUMMARY OF QUALIFICATIONS

Education: Took several courses at the Master level in Health Physics, Georgia Institute of Technology, Department of Continuing Education, Atlanta, Georgia, 1985. Bachelor of Science, (Biology/Chemistry), Valdosta State University, Valdosta, Georgia, 1980.

Publications: Available upon request.

Affiliations: Member: American Nuclear Society, American Chemical Society, National Association of Corrosion Engineers, New York Academy of Sciences.

Experience: Responsible for oversight, technical support, and program direction for a four site utility that included both PWR's and BWR's...prepared written evaluations of Primary, Secondary and BOP Chemistry parameters and results for site and senior management...Prepared and performed audits and assessments...Developed and wrote various chemical specifications and treatment programs for plant systems...Developed Chemistry procedures for plant radiation monitoring systems...Developed chemistry programs to ensure steam generator and reactor vessel long term integrity...Developed instrumentation requirements and analytical methods...Developed procedures and implemented Health Physics programs...Prepared ALARA engineering calculations...Systems analysis and troubleshooting...Coordinated work assignments and activities...Supervised technicians and professional staff...Procedure and systems walk downs...Information management and documentation...People engineering.

EMPLOYMENT HISTORY

May 1991 to present **Program Manager**, Tennessee Valley Authority, Corporate Office, Chattanooga, TN. Responsibilities include: oversight, technical support and program direction for four sites which include both PWR's and BWR's; primary focus areas include analytical chemistry, instrument selection and method development, secondary chemistry, balance of plant chemistry, steam generators and raw water systems. Provided specialized training to site staff and management. Provided periodic reports and briefings to senior utility management. Performed program assessments for site and senior management. *December 1991 - May 1992*; filled in at Sequoyah Nuclear Plant as acting Chemistry Technical Support Manager for a two unit PWR, duties included directing technical staff in daily assignments, reviewing and providing evaluation of plant chemistry data to plant management, developed and implemented improvements to the site chemistry program. *November 1992 - May 1993*; Acting Corporate Chemistry Manager, duties included managing corporate chemistry program to ensure oversight, technical support and program direction of TVA nuclear facilities, Supervision of corporate professional staff, development of budget and business plans, and implementation of Total Quality programs.

HH000048

EMPLOYMENT HISTORY

- December 1987 Staff Nuclear Chemist, Houston Lighting and Power Co.
April 1991 Responsibilities include: Developed and wrote various chemical specifications and treatment programs for plant systems; developed chemistry procedures for plant radiation monitoring system; developed and wrote technical specifications for laboratory and on-line ion chromatography (IC) systems; set up, tested, developed procedures and trained 40 technicians and 10 supervisors on the applications for IC; Coordinated and developed site inter and intralaboratory Quality Assurance Program; provided onsite technical support and direction for secondary chemistry and radiochemistry laboratory operations; provided onsite technical support and direction for effluent monitoring and reporting; prepared Daily and Monthly written evaluations of primary and secondary chemistry parameters and results for management review cycles, developed corporate chemistry goals for the site, coordinated site approved material program, developed instrument specifications and analytical methods, directed raw water treatment program.
- April 1987 to Senior Chemist, under contract to Georgia Power Co., Waynesboro, Ga.
December 1987 Responsibilities included: provided technical support for plant radiation monitoring system; prepared effluent permits; sample analysis and control of primary and secondary plant chemistry; operation of gamma spectroscopy system and data review; and performed troubleshooting of analytical instrumentation and procedure methods as needed.
- July 1985 Senior Shift Chemist, under contract to Carolina Power and Light Co., New Hill, N.C. to
March 1987 Responsibilities included: supervised three chemistry technicians; liaison to utility; analyzed and maintained primary and secondary plant systems; effluent monitoring and permit approval; effluent monitor setpoint control; developed chemistry procedures; maintained laboratory QA/QC program; setup, operation and maintenance of three Dionex ion chromatographs; assisted in the development of a caustic eluant method for the determination of low level organic and inorganic anions for the ion chromatograph.
- September 1981 Senior Health Physics Technician, under contract to various utilities.
to June 1987 Responsibilities included: directing and coordinating all work activities and health physics work assignments in all radiation controlled areas for 40 contract technicians; RWP survey review; RWP preparation; ALARA reviews; and calculating shielding requirement, record audits; directed health physics related job coverage in assigned areas; operation of counting room equipment and TLD reader; drywell maintenance; radwaste shipments and shipping packages; and performed containment power entries and surveys.
- August 1980 to Chemical Radiation Technician, Georgia Power Company, Plant Hatch Nuclear
September 1981 Station, Baxley, Georgia. Responsibilities included: calibration of plant liquid and gaseous effluent radiation monitors; prepared effluent release permits; performed radiochemical separations; operated water and waste treatment systems; developed chemistry procedures; operation of counting room equipment and data review; performed chemistry and health physics related activities in assigned areas; performed contamination, radiation and air sample area surveys; and performed radwaste shipments.

REFERENCES: AVAILABLE UPON REQUEST.

HH000049

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Chandra K. Karan
Date: 9/22/94

<u>Questions</u>	<u>Score</u>
1. Summarize your background/work experience as it relates to this position.	<u>10</u>
2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas.	<u>9</u>
3. Provide your definition of corporate support, corporate oversight, and their relationship. <i>Digichem - BFW 10 CFR 50.61 coordination of WtG</i>	<u>9</u>
4. What do you see as the main role for this position?	<u>10</u>
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? <i>previous background course Haz Waste</i>	<u>9</u>
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. <i>Outreach</i>	<u>9</u>
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)?	<u>10</u>
8. Describe at least 2 chemistry or environmental concerns of TVAN. <i>SG - ETA Baric Acid Test upgrade SQW</i>	<u>9</u>
9. Provide 3 of your strengths that you feel makes you qualified for this job. <i>RCW upgrades</i>	<u>10</u>
<i>Education / Experience (diversified)</i> <i>good coordinator</i>	<u>85</u>

05161

HH000050

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

Received: _____

This form is to be completed only by present TVA employees when they want to apply for announced vacant position and should be sent to address given on announcement.

1. Name Chandrasekaran E. S. 2. Soc. Sec. No. [REDACTED]
Last First Middle
3. Present Job Title Program Manager 4. Schedule & Grade PG-8
5. Organization TVA Nuclear/OPS SVS Department Chemistry

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chem & Env Specialist
8. Schedule & Grade PG-8 9. Organization TVAN Department OPS SVS/Chem & Env Prot
Section _____ Work Location Chattanooga
10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes," list name(s), relationship(s), and position(s) on page 2.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you (). Obtain copies from your organization human resource office if necessary. (If additional space is needed, use page 2.)

Please see attached resume'.

13. If announcement specified test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature Chandrasekaran Date 8-22-94

TVA Mailing Address BR 5D-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Human Resources Files, Knoxville, through your organization human resource officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

HH000051

RESUME

E. S. CHANDRASEKARAN

BR 5D-C

Phone: 751-3064

EDUCATION:

Ph.D. Chemistry
Michigan State University
M.S. Nuclear & Inorganic Chemistry
B.S. Chemistry

OBJECTIVE & SUMMARY:

A self-starting, dependable, team-oriented individual with broad technical expertise, supervisory and managerial experience, seeking a challenging position in the areas of Chemistry, and Health Physics management. Selected areas of expertise include:

- Management of Corporate Chemistry Program providing technical support, oversight, and program direction to PWR and BWR site Chemistry operations
- Radiological effluents and radiation monitoring programs
- Near term operating license (NTOL) startup PWR Chemistry program
- Operational PWR primary and secondary chemistry program
- Operational BWR chemistry and balance of plant chemistry
- Set up and oversight of chemical traffic control (CTC) program at PWR and BWR plants
- Raw water chemical treatment program for corrosion control
- Laboratory and count room set up and QA/QC program
- Hydrogen water chemistry issues at BWR
- Source term reduction and radwaste reduction program
- Environmental and radwaste management
- Chemical decontamination methods
- Corporate chemistry manual and standards development
- Software quality assurance program implementation

HH000052

EXPERIENCE:

May 1991 to Present:

TVA

Program Manager, Corporate Chemistry.

Responsibilities include technical support, oversight, and program direction on a wide range of chemistry activities for all TVA nuclear sites chemistry program. TVA nuclear sites consist of two unit operational PWR plant, three unit BWR plant (one unit operational, and two on restart status), two unit PWR plant near term operational status, and two unit PWR plant under construction. Some of the activities include long-term chemistry and radiochemistry data trending; radiological effluents; fuel performance evaluation, optimization of chemistry program improvements to meet the revised industry guidelines; radwaste minimization; source term reduction program implementation; cooling water treatment; chemical decontamination methods; hydrogen water chemistry at BWR to minimize IGSCC; multi-site cost effective partnering contract to meet site needs; emergency plan (EP) exercises dose assessment; Corporate chemistry manual and guidelines development; technical assessments; EPRI, INPO, GE, and Westinghouse industry meeting participation & guidelines development

March 1988 to May 1991

Houston Lighting & Power Co.,

Chemistry Operations & Analysis General Supervisor (11/90 to 5/91)

Chemistry Operations & Analysis Staff Chemist (3/88 to 10/90)

Responsible for two unit operational PWR units Chemistry & Radiochemistry technical support. The areas of responsibilities included primary and secondary chemistry short-term & long-term data evaluation and trending; radioactive effluents management program; radwaste management program; environmental management program; radiation monitoring system data trending and performance evaluation; chemical traffic control program management; Chemistry QA/QC program management; cooling water treatment & monitoring program; chemistry & health physics counting room management; condensate polishing improvements; chemistry program direction & oversight.

Supervised a staff of ten employees and few contractors.

June 1985 to March 1988

Manager / Technical director, Westel/Ad-Tec Inc.,

Responsible for technical and administrative management of radiochemistry and health physics services.

Supervised a staff of twelve employees and few contractors.

HH000053

September 1976 to May 1985
Eberline Analytical Services
Laboratory Manager / Director

Responsible for technical, administrative, and business management of the Eberline analytical services operation. The services provided include chemical and radiochemical analyses services to about 12 nuclear power plants in support of their radiological environmental monitoring program (REMP); 10CFR50 effluents sample analyses program; 10CFR61 radwaste sample analyses program; personnel and environmental TLD dosimetry services; radioactive calibration source manufacturing & calibrations; nuclear power plant & uranium milling radio bioassay services; radiological services for waste remediation DOE operations such as FUSRAP, UMTRAP etc., and specialized training services.

Supervised a staff of about forty employees and few contractors.

September 1975 to August 1976
University of Michigan
Lecturer

Taught chemistry for undergraduates and performed research work while completing my Ph.D thesis work.

OTHER:

Licensed by the State of New Mexico for calibration and service of X-ray machines for radiology

Have published over twenty papers in technical journals and have presented papers at symposiums and conferences

Was ranked number 1 in the University in the M.S degree program out of a class of sixty-six graduate students

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: David Sorvelle

Date: 9/22/94

Questions

Score

1. Summarize your background/work experience as it relates to this position. Broad based 8 yrs other utility/ Sony - nuclear experience 10
2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. 9
3. Provide your definition of corporate support, corporate oversight, and their relationship. Specs in various -> third award, EPC Compliance Manual, Renewal of NPDES Permits SQW, WBN 9
4. What do you see as the main role for this position? 8
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? 8
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. 8
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? 6
8. Describe at least 2 chemistry or environmental concerns of TVAN. Mixed waste, Haz waste, PCB's 9
9. Provide 3 of your strengths that you feel makes you qualified for this job. resourcefulness 9
communications

76

05161

HH000055

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1984 AUG 31 11:13

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name Sorrelle David Walton 2. Soc.Sec.No. [REDACTED]
Last First Middle

3. Present Job Title Mgr, Environmental Prot. 4. Schedule and Grade (Salary Policy Employees Only) PG-10

5. Organization TVAN Department Technical Programs

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chemistry; Env. Prot, Spl.
 Schedule and Grade (Salary Policy Employees Only) PG-8 9. Organization TVAN
 Department Operations Services Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes", list name(s), relationship(s), and position(s).

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you. Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

I am an experienced professional with more than 25 years in utility operations, manufacturing and engineering consulting. I have a double major in Chemistry and geology (B.S.). Eight years was devoted to fossil and nuclear operations at Alabama Power Co. in the startup and operation of 3 fossil and 1 nuclear unit. As manager of Facility Operations at Sony Magnetic Products for 10 years responsibilities included operation of a hazardous waste treatment facility and utility operations. My career responsibilities also included serving as Vice President of Environmental Special Projects for Vera Int'l before joining TVA in 1987 in Chemistry as Project Manager. Recent responsibilities have included serving as manager of TVAN's Environmental Protection Program and serving as regulatory point of contact for environmental permitting and compliance. My experience in Chemistry and Environmental Protection makes me uniquely qualified to fill the referenced vacancy. (over)

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date 8/30/94
 Mailing Address BRSD-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Microrecords Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

A resume is attached which summarizes my career and accomplishments.

Also I am a Board approved Certified Hazardous Materials Manager and Asbestos Abatement Supervisor.

HH000057

DAVID W. SORRELLE

[REDACTED]
(615) 751-2216 (Work)
[REDACTED]

BACKGROUND SUMMARY

25 years of utility and private industry experience in environmental compliance and regulation, chemical control, implementation and long term operation management.

Knowledgeable in recycling, incineration, heat recovery and chemical management. Experienced in regulatory negotiations and utility/manufacturing systems startup.

ACCOMPLISHMENTS

- Appointed to "Advisory Committee on Hazardous Material and Resource Recovery (HAMMAR)" in 1986 by University of Alabama President, Dr. Joab Thomas.
- Appointed to "Advisory Committee on the Environment" by Alabama Governor Guy Hunt in 1987.
- Obtained Certified Hazardous Materials Manager (CHMM) certification in 1990 (CHMM # 2547).
- Obtained EPA Asbestos Abatement Supervisor certification in 1991 (AHERA 91-127-10).

WORK EXPERIENCE

TENNESSEE VALLEY AUTHORITY

Manager, Environmental Protection August 1989 - present
Manage Corporate Environmental Protection staff for TVA Nuclear. Responsibilities include directive, policy and procedure development/maintenance, permit negotiations for 4 nuclear power sites, site self-assessments, environmental review of modifications and construction and technical support. In addition manage a \$6,200,000 aquatic and environmental budget which supports 7 facilities and a \$800,000 department operating budget.

Project Manager, Environmental Protection March 1988 - July 1989
Coordinated nuclear power chemical management program, site/facility regulatory and licensing requirements in Emergency Planning and Community Right to Know, air and water permitting. Had direct responsibility for renewal of Browns Ferry Nuclear Plant NPDES permit.

Project Manager, Chemistry November 1987 - March 1988
Supervised coordination of make-up water demineralizer and condensate polisher upgrades, training of personnel, procedure development and start-up assistance of Sequoyah Unit #2.

HH000058

VARA INTERNATIONAL, INC.

Vice President, Environmental Engineering July 1987 - November 1987
Managed activities relating to the design, construction and start-up of pollution abatement systems associated with volatile organic carbon vapor recovery and distillation. In addition responsible for design of hazardous waste processing and recycling utilizing thin film evaporators. Activities also included hazardous waste, air and water permitting.

SONY MAGNETIC PRODUCTS, INC.

Division Manager, Facility Engineering December 1976 - June 1987
Managed start-up and operation of \$20,000,000 solvent recovery and utility complex. Managed staff of 109 with responsibilities in engineering, maintenance, construction, drafting, building/grounds, and utilities. Management responsibilities included operation of an 8 column distillation unit, 9 carbon adsorbers, two thin film evaporators and 2 incinerators (one at 12 ton per day burning solid waste and one permitted to burn hazardous waste, both with energy recovery). Responsibilities also included the operation of four (4) gas fired boilers, five (5) 750 ton Trane air conditioning chillers and three (3) 1250 CFM compressors. In addition responsibilities included the management of a \$1,000,000 per month department budget.

ALABAMA POWER COMPANY

Supervisor, Chemistry and Radiochemistry February 1972 - December 1987
Managed chemistry and radiochemistry at Farley Nuclear Plant in Dothan, Alabama. Responsibilities included staff selection, laboratory equipment and supplies procurement, procedure development, and other related activities supporting the start-up of Farley Unit 1. Supervised the start-up and operation of a 500 gpm demineralized water treatment facility and turbine/reactor on-line instrumentation.

Chemist, Chemistry and Controls September 1969 - January 1972
Barry Steam Plant, Mobile Alabama - 1969 - 1971
Gorgas Steam Plant, Jasper, Alabama - 1971 - 1972
Provided laboratory support during construction and start-up of Barry Units 4 & 5 (400 and 750 megawatts respectively) and Gorgas Unit 10 (750 megawatts). Activities included start-up and operation of 2 demineralized water treatment facilities and 3 polishing condensate demineralizers. In addition supervised the start-up of two (2) on-line instrumentation panels, training of staff personnel and procedure development.

EDUCATION -

B. S., Chemistry and Zoology (Double Major), **University of North Alabama**, 1969

HH000059

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Alfred Dyson

Date: 9/28/94

Questions

Score

*Alfred SP
EUV
Envy Head rate
Chem.*

- 1. Summarize your background/work experience as it relates to this position. 3 1/2 yrs Chemist oil Refinery
TVA '78 - Nuclear '85 Training Inst, QA, NE 7
- 2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. Water Chem Imp plant, Nitro Chem Prod 6
- 3. Provide your definition of corporate support, corporate oversight, and their relationship. Corp Support → Solve problems write incident investigation
→ oversight → programmatic, scores 5
- 4. What do you see as the main role for this position? guidance and leadership → take charge sit in
for Mgr 5
- 5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? Wants to be Sr Mgr 7
- 6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. Depends on how well
interfuses with manager 6
- 7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? 7
- 8. Describe at least 2 chemistry or environmental concerns of TVAN. justification of projects (corrosion monitoring)
online instrumentation on 2nd side 6
- 9. Provide 3 of your strengths that you feel makes you qualified for this job. 7

① Broad Knowledge of Standards

② Knowledge of systems design and OPS

③ Corrosion monitoring

56

05161

HH000060

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1994 SEP -1 11 3

1. Name Dyson Alfred Middle 2. Soc. Sec. No. [Redacted]
3. Present Job Title Technical Services Supt. 4. Schedule & Grade PG-9
5. Organization F&H Pr Operations Department Allen Fossil Plant - Memphis

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chemistry & Environ Prot Spec
8. Grade PG-8* 9. Organization Nuclear Power Department Operations Services
Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes," list names(s), relationship(s), and position(s).
11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you [] Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

Education: M.S. Engineering Management
M.S. Chemical Engineering
B.S. Chemical Engineering
B.S. Mathematics (Minor: Chemistry)

Experience & Training: Over 16 yrs TVA Experience
(See Attached Resume for Details)

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature Alfred Dyson Date 8/26/94
TVA Mailing Address FOS IA - ALF Phone: (901) 789-8478

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Microrecords Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

HH000061

ALFRED DYSON

CHEMICAL ENGINEER with over **TWENTY (20)** years of **CHEMICAL ENGINEERING/CHEMISTRY EXPERIENCE** in engineering and management positions. Includes more than 10 years of experience in process evaluation, process development and design engineering of various power plant systems and industrial chemical processes. More than 2 years of instructing and preparing training programs for Nuclear Power Plant Radiochemical Laboratory Analysts and Chemical Engineers/Chemists. Three years as a Quality Assurance Evaluator of NUCLEAR POWER PLANT Chemistry, Environmental Compliance, and Radioactive Waste Management programs. Also, 4 years experience as an ANALYTICAL CHEMIST at an oil refinery. Experienced in the use of commercial process design simulators and very proficient in FORTRAN, BASIC, and LOTUS 1-2-3 programming languages for use on mainframe, mini and personal computer (PC) workstations.

EDUCATION

M.S. Engineering Management - University of Tennessee (Chattanooga, Tn.), 1992
M.S. Engineering (Option: Chemical) - University of Tennessee (Chattanooga, Tn.), 1982
B.S. Chemical Engineering - Christian Brothers College (Memphis, Tn.), 1978
B.S. Mathematics (Minor: Chemistry) - Kentucky State University (Frankfort, Ky.), 1973

WORK EXPERIENCE

February 1993
to
Present
Tennessee Valley Authority (TVA), Technical Services Superintendent, Fossil & Hydro Power Division, Allen Fossil Plant - As Manager of the Technical Services Department, manages the engineering activities and chemistry laboratory operations of a major fossil generating plant to the objectives mandated by the plant manager. The objectives include safety accountability; resource management; projected generation; heat rate, availability, reliability improvements; budget adherence, environmental compliance, plant support system development and improved employee relations.

December 1990
to
February 1993
TVA, Engineering Specialist (Chemical), Nuclear Engineering, WBN Plant & Chattanooga Corporate Engineering Office - As a management specialist and consultant, directed administrative and technical chemical engineering functions pertaining to environmental compliance, chemical processes for water treatment, radwaste management, and materials compatibility. Responsible for preparation and/or review of engineering design criteria, studies, system modifications (DCNs), and procedures; and resolution of plant operating problems affecting the design requirements of these chemical-related areas.

January 1988
to
December 1990
Tennessee Valley Authority (TVA), Quality Assurance Evaluator, Division of Nuclear Quality Assurance, Sequoyah Nuclear Plant - Planned and performed real time surveillance observations and audits of nuclear plant site work activities in the program areas of chemistry & chemical operations; environmental compliance and radiological effluent/radwaste management. Reviewed related documentation (e.g., Technical Instructions) to verify that the observed activity or program conforms to specified requirements. Then evaluated the adequacy and effectiveness of the activity; and report conditions adverse to quality and safety to management. Also performed reviews of revisions and preparations of radwaste, environmental, and chemical-related procedures to ensure compliance with NRC, EPA, & TVA policies (i.e., 10CFR, NPDES, FSAR, Technical Specifications, etc.) and made recommendations to management for improvements.

August 1985
to
January 1988
Tennessee Valley Authority (TVA), Chemical Engineer (Instructor), Division of Nuclear Training - Prepared and/or presented technical lesson plans which describe and analyze key design, operational, and chemistry-related parameters of nuclear power plant systems. Technical topics included water treatment systems, radwaste processing, corrosion, radiochemistry, on-line chemical process instrumentation, analytical laboratory methods & instrumentation theory, ion exchange theory, primary and secondary systems chemistries for unit operations.

January 1985
to
August 1985
TVA, Chemical Engineer, Conservation and Energy Management - Developed energy conservation engineering test procedures, designed the test apparatus, prepared purchase requisitions, and directed the work of lower grade engineers and craftsmen in the construction of the test apparatus. Collected test parameters using an IBM PC/XT and data logger; and wrote BASIC computer programs that converted the raw test data into graphical display of engineering variables.

September 1980
to
January 1985
TVA, Chemical Engineer, Office of Coal Gasification - Performed system technical assessments and preliminary economic assessments of various coal gasification technologies for TVA management's process selection for the North Alabama Coal Gasification Project at Murphy Hill, Alabama. During detailed design phase reviewed and evaluated P&IDs submitted by outside contractors for technical adequacy, accuracy, and workability; recommended changes when necessary. Acquired and installed the ASPEN simulator on the TVA IBM mainframe computer. Then developed and maintained FORTRAN computer programs that performed complex process design heat & material balance calculations of integrated plant systems. Using computer simulation techniques, performed process analysis of various operating alternatives to increase the efficiency of the plant design and provide a better perspective of plant performance. Also trained engineering aides and assisted engineering peers with the development of plant systems steady state mathematical models. Also prepared technical assessments for Environmental Impact Statement (EIS) preparation. When the project ended, worked (on loan) at Browns Ferry Nuclear Plant. Performed systems walkdowns of HPCI and RCIC systems to verify as-constructed mechanical flow diagrams. As a team member, assisted in the preparation of ECNs, FCRs, and DCRs for maintenance work packages.

September 1978
to
September 1980
TVA, Chemical Engineer, Energy Demonstrations & Technology (ED&T) - Assisted Senior Research and Development engineers with economic, thermodynamic, and feasibility studies of various synfuel processes (e.g., coal liquefaction and gasification, biomass, fuel cells, cogeneration, etc.). Also included was the projection of data from pilot plant or bench scale to determine attributes and facilities of full-scale industrial plants. Kept abreast of novel energy processes and concepts by reading research journals and reports (e.g., DOE, EPRI, ORNL, etc.).

HH00062

August 1977
to
August 1978

Attended Christian Brothers College and studied chemical engineering as a full-time student.

July 1973
to
August 1977

Delta Oil Refining Company, Memphis, Tennessee; Chemist. Performed all aspects of final analytical testing (ASTM) on intermediate and finished products (e.g. gasolines, crudes oils, distillates, asphalts, process and waste waters, etc.). Worked full-time as the evening shift chemist and studied chemical engineering (part-time) during the day.

October 1972
to
April 1973

Commonwealth of Kentucky, State Highway Dept., Frankfort, Ky.; Civil Engineering Aide (part-time). Assisted state civil engineers study, plan, and implement construction of interstate highways (e.g., I-64) and state routes throughout Kentucky, with field trips included.

COLLEGE
SUMMER
WORK

Maintenance Department, Christian Brothers College, Memphis, Tennessee (1978)
Substitute Teacher, Memphis City Schools, Memphis, Tennessee (1971)
Tutor/Counselor, Project Upward Bound, Kentucky State University, Frankfort, Ky. (1968)

TECHNICAL
TRAINING

TVA sponsored computer courses in IBM, TSO, SAS, VSFORTRAN & PRIDE Methodology.
Process Modeling and Computer (Dynamic) Simulation", University of Colorado (Boulder, Colorado)
Introductory Training Course for ASPEN PLUS", ASPEN Technology, Inc., (Cambridge, Massachusetts)
Advanced ASPEN Training", JSD, Inc., (Denver, Colorado)
PWR Systems Training for Engineers", Office of Nuclear Power (TVA)
BWR Systems Training for Engineers", Office of Nuclear Power (TVA)
Instructor Certification Program", Division of Nuclear Training (TVA)
Codes, Standards, and Regulatory Requirements", Division of Nuclear Training (TVA)
BWR Chemistry for STA", General Electric Corporation, (San Jose, California)
Radiochemistry Principles and Applications", General Physics Corporation, (Columbia, Maryland)
PWR Chemistry/Radiochemistry Data Evaluation and Interpretation", NUS Corporation, Pittsburgh, Pa.)
Laboratory Safety", TVA Technical Support Branch, (Muscle Shoals, AL.)
Power Plant Fundamentals For Utility Engineers", GPS Technologies (Columbia, MD)
Environmental Regulation Course", Executive Enterprises (Little Rock, Arkansas)

MANAGEMENT
TRAINING

Project Management", Georgia State University, (Atlanta, Georgia)
Supervisor Development Course", Management Training, Nuclear Personnel Division (TVA)
Performance Monitoring and Feedback", Management Training, Nuclear Personnel Division (TVA)
Managing Upward", Management Training, Nuclear Personnel Division (TVA)
Management Concepts and Practices", Management Training, Nuclear Personnel Division (TVA)
Supervisory Safety Training", Management Training, Nuclear Personnel Division (TVA)
Problem Solving & Decision Analysis (Kepnor Tregore)", Management Training (TVA)
The Management Course - Unit I: The Art Of Management", AMA (Hilton Head, SC)

PROFESSIONAL
ACTIVITIES

Member of AIChE (Chairman of Local Chattanooga Chapter), Chattanooga Engineers Club, NTA, NOBCCHE

LICENSE

EIT (Tennessee)

PUBLICATION

COMPUTER SIMULATION OF A CLAUS SULFUR RECOVERY PROCESS

PERSONAL

[REDACTED]; Married; Height 5 ft. 11 in.; Weight 180 lbs.

REFERENCES

Furnished upon request

HH000063

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Gary Fiser

Date: 9/22/94

Questions

Score

1. Summarize your background/work experience as it relates to this position. 21 yrs exp Radiochemist/ 9
2. Describe 3 projects/programs your helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. ORR, Operational Training pkg 7
3. Provide your definition of corporate support, corporate oversight, and their relationship. 8
4. What do you see as the main role for this position? Ensure success of sites 9
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? SQU-Both 8
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. 8
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? 8
8. Describe at least 2 chemistry or environmental concerns of TVAN. BFN + RBGW/OG EIS 8
9. Provide 3 of your strengths that you feel makes you qualified for this job. Experience 7

71

05161

HH000064

GARY LYNN FISER

[REDACTED] (Residence)

(615) 751-4955 (Work)

OBJECTIVE: To use my 21 years of experience and training in the field of chemistry and radiochemistry to help others achieve a new standard of excellence.

EDUCATION:

July 1972-1973 University of Arkansas, Fayetteville, Arkansas
30 hours graduate level in Microbiology

June 1972 Quachita University, Arkadelphia, Arkansas
B.S. Major: Chemistry; Minor: Biology

June 1967 Sheridan High School, Sheridan, Arkansas

May 1981 Louisiana State University, Baton Rouge, Louisiana
Fundamentals of Supervision Course

WORK EXPERIENCE:

TENNESSEE VALLEY AUTHORITY
Chattanooga, Tennessee

1987 - 1993

Chemistry and Environmental Superintendent, Sequoyah, April 1988 - April 1993

Responsible for forty-eight chemistry, radiochemistry, and environmental personnel. Major responsibilities included primary system chemistry and radiochemistry, secondary chemistry and feedwater chemistry control. Ensuring that radioactive effluents were within NRC and plant limits. Steam generator, condenser, condensate demineralizer, water treatment plant performance monitoring. Development of annual operating budget for the department (approximately \$4,000,000). Laboratory quality control and retraining. Ensuring that releases from the site were in compliance with the Tennessee Department of Health and Environment requirements, and the NPDES permit for Sequoyah. Also, participated in the recovery efforts leading to the successful restart of Sequoyah units one and two following an extended shutdown due to NRC safety concerns.

Chemistry Program Manager, September 1987 - April 1988

Responsible for managing the activities of Nuclear Power Chemistry Organization. Major responsibilities included providing direction and assistance to ensure consistency between site chemistry programs. Directing the development and maintenance of the Chemistry Directive and recommending changes to same. Concurrence with procedures, procedure changes, and site budgetary plans. Evaluations of the Chemistry Program, training, documentation, trends, and equipment. Directing the development of training and qualification criteria.

ARKANSAS POWER AND LIGHT
Russellville, Arkansas

1973 - 1987

Nuclear Quality Specialist, September 1986 - September 1987

Responsible for observations, surveillances, and audits for all areas of the plant, including Chemistry, Radiochemistry, Security, Corporate, Training, Design Control, and Operations.

HH000066

KANSAS POWER AND LIGHT (Continued)

Radiochemistry Supervisor, June 1979 - August 1986

Responsible for safety and training of 17 radiochemists and three supervisors. Major responsibilities included all chemistry and radiochemistry on primary systems for both B & W and C.E. units. Radioactive effluents (gaseous and liquid), ensuring that the effluents were within the U. S. NRC Technical Specifications and plant guidelines, documentation and reporting of same. Post Accident Sampling System design, construction, training, and performance checks. Gaseous Effluent Monitoring System, both normal and extended range for accident conditions. Plant Safety Committee Member. Dose Assessment Team Leader for the Emergency Response Organization.

Radiochemist, February 1974 - June 1979

Assisted in the initial setup of both the wet chemistry and radiochemistry laboratories and the radiochemistry counting room. This included initial instrument check-out, debugging, calibration, standardization, writing procedures and computer program, and setting up control/trend charts. Also, assisted in the start-up effort for C.E. PWR (Unit 2) with U-tube steam generators. Responsibilities included sampling and analysis of primary side systems and components, analyzing, trending, and reporting/documenting analytical results.

Chemist/Health Physics, August 1973 - January 1974

Responsible for obtaining primary and secondary samples in support of the start-up effort for B&W PWR (Unit 1) with OTSG's. Also, rotated into the Health Physics department for various assignments such as contamination surveys, alpha beta analysis using gas flow proportional counting equipment, gamma spectroscopy (Ge(Li) and NA(I), shielding surveys, and filing records.

TECHITA UNIVERSITY
Fayetteville, Arkansas

1970 - 1972

Research Assistant

Assisted Dr. Joe Nix by performing chemical analysis on the Caddo River/De Gray Reservoir. Responsible for obtaining samples, preparation of samples for chemical analysis, and performing analytical tests using gas chromatography, atomic absorption spectrophotometer, IR absorbance equipment, and selective ion electrodes.

OTHER TRAINING

- Kepner Tregoe Training in Problem Solving a Decision Analysis
- B&W Radiochemistry Course, Lynchburg Research Center
- Cardiopulmonary Resuscitation Training, Instructors Course
- Supervisory Transition Course
- Time Management
- Fundamentals of Maintenance Management
- Supervisory Practices Seminar
- Middle South Services Auditor Training Course
- Numerous computer training courses

PUBLICATIONS/PRESENTATIONS

- "Radiochemistry Quality Control - How Do You Know Your Numbers are Right?", presented at the 1984 INPO Chemistry Managers Workshop.
- "Environmental Radiological Analysis of Fish as an Indicator of Liquid Release Pathway-Model Validation," presented at the Eighteenth Midyear Topical Symposium of the Health Physics Society in January, 1985.

HH000067

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Joseph M. Pleva

Date: 9-28-94

Questions

Score

History of sites

~~5~~ ~~5~~ 7

1. Summarize your background/work experience as it relates to this position. *Early 70's SO Chem BFW/SQW*

5

2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. *S/O Makeup plants throughout Utah/ 80-84 Technical*

① BFW Chem Insp Prog 84-86 ② Makeup Plant + Cover Polishas ③ CTC

5

3. Provide your definition of corporate support, corporate oversight, and their relationship. *Expertise as needed to plant to site*

5

4. What do you see as the main role for this position?

5

5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both?

8

6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection.

7

7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)?

6

8. Describe at least 2 chemistry or environmental concerns of TVAN. *HWC (IGSCL) SG*

8

9. Provide 3 of your strengths that you feel makes you qualified for this job.

- ① History of Chem programs (SQW) *same WBD BFW*
- ② Technically astute
- ③ Good Communicator
- ③ Organized

58

05161

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

ISSN AUG 17 12 13 4

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name PLEVA JOSEPH M 2. Soc. Sec. No. [REDACTED]
Last First Middle
 3. Present Job Title NUCLEAR SAFETY REVIEW BOARD ADMINISTRATOR 4. Schedule & Grade PG-9
 5. Division NUCLEAR ASSURANCE AND LICENSING Branch INDEPENDENT REVIEWS AND ANALYSIS

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title CHEM & ENVIRON PROT SPECIALIST
 Schedule and Grade PG-8 9. Division OPERATIONS SERVICES Branch _____
 Section CHEM & ENVIRON PROTECTION Work Location C HATTANDGA
 10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half-brother or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on reverse side.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you . Obtain copies from your division personnel office if necessary. (If additional space is needed, use reverse side)

SEE ATTACHED RESUME

13. If announcement specifies test requirements, have you qualified on the required test(s)? _____

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date August 15, 1994
 TVA Mailing Address BR 41-C HH000069

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Files, Knoxville, through your division personnel officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

Joseph M. Pleva

615-751-2712 Office

Education

B.S. Chemical Engineering, University of Tennessee, Knoxville, Tennessee - 1971
Registered Professional Engineer in Tennessee - 1977, license No. 11-731
Westinghouse PWR Chemistry Course
ASME Course - Radioactive Waste Management
BWR and PWR Systems Training
Dale Carnegie Public Speaking Course
Various Technical and Management Training classes
Member of ASME Code on Nuclear Air and Gas Treatment - ASME/ANSI AG-1 - 1988

Experience

TENNESSEE VALLEY AUTHORITY

September 1991 - Present
NSRB Administrator for Sequoyah Nuclear Plant and Principle Nuclear Reviewer. Duties were similar to the Watts Bar position. Other duties included: Providing NSRB required oversight for all Technical Specification changes and chairing the safety assessment and safety evaluation subcommittee which oversees the SQN 50.59 program. Assisted in special reviews requested by senior management.

January, 1991 - September 1991
Nuclear Safety Review Board Administrator for Watts Bar Nuclear Plant. Implemented the off site Nuclear Safety Review Program as required by site technical specifications. This included performing independent safety reviews, arranging meetings, coordinating subcommittee reviews, training members and advisors and preparing required reports for Senior Management and the TVA Board of Directors. Maintained regular contact with various senior TVA nuclear management on NRSB activities.

November 1986 - January 1991
Assistant Manager for Employee Concern Program (ECP) Chattanooga, Tennessee. Prepared major revisions to ECP operating procedure based on first year's operating experience. Assigned as special investigator for complex employee concerns at various plant sites. Provided overall coordination and leadership in organizing and conducting the ECP conference in which 40 nuclear sites were represented.

June 1986 - October 1986
Assistant Manager for ECP at the Browns Ferry Nuclear Plant, Athens, Alabama. Received, investigated, evaluated, reported on and responded to employee concerns in various technical (civil, electrical, mechanical, etc.) and personnel matters. This included recommending solutions to senior managers for corrective action.

August 1985 - June 1986
Senior Project Engineer, Browns Ferry Nuclear Plant, Athens, Alabama. Responsible for upgrading all plant engineering procedures (nuclear, mechanical, chemical, etc.). Assigned as Project Manager on the installation of a Wide Range Gaseous Effluent Monitoring System which was needed to meet NU REG 0737 requirements. In addition, supervised three experienced Project Engineers.

February 1984 - August 1985
Project Engineer, Browns Ferry Nuclear Plant, Athens, Alabama. Functioned as an internal consultant to the plant to ensure that all regulatory deficiencies (NRC, INPO, etc.) were identified. A Chemistry Improvement Plan with 149 action plans was developed and implemented onsite. This included working with the plant chemical unit supervisor in areas of chemistry, radiochemistry, radiation monitoring, water treatment systems, process instrumentation, and other related areas.

HH000070

Resume
Joseph M. Pleva

January 1980 -
February 1984

Chemical Engineering Supervisor, Chattanooga, Tennessee. Responsible for all corporate chemical engineering support for the nuclear power program. This involved engineering support for the nuclear power program. This involved coordination of major chemical engineering programs, development of chemical engineering standards based on various industry and regulatory requirements, and the analysis of plant chemical processing system performance so that maximum safety, economy, efficiency, and availability of generating units was achieved. Worked as utility representative in the development of EPRI BWR Water Chemistry Guidelines.

October 1977 -
December 1979

Senior Chemical Engineer, Chattanooga, Tennessee. Functioned as principal consulting engineer for operation of radwaste water processing equipment for all TVA nuclear plants. Other system engineering responsibilities were: sodium hypochlorite, condensate demineralizers, water clarification and makeup demineralization, and offgas system. Successfully completed a 1-week course on both BWR and PWR operation which included simulator and plant system training. Represented TVA on an ASME subcommittee on testing on offgas systems.

March 1974 -
September 1977

Chemical Engineer, Sequoyah Nuclear Plant, Soddy-Daisy, Tennessee. Served as lead engineer on startup and subsequent operation of water treatment systems and auxiliary boilers. Prepared plant instructions for liquid and gaseous radwaste releases, radiation monitoring systems, ventilation equipment, radiochemical laboratory instrumentation, and plant water chemistry specifications. Taught classes in plant systems and water chemistry to operations and engineering personnel.

December 1972 -
February 1974

Chemical Engineer, Chattanooga, Tennessee. Served as consultant to fossil plants on minimizing corrosion problems and supervised startup of new water treatment plants and demineralizer systems.

August 1971 -
September 1972

Chemical Engineer, Cumberland Steam Plant, Cumberland City, Tennessee. Solved various problems encountered during plant startup. These areas included chemical cleaning, makeup water treatment system, condensate demineralizers, sewage plant, process instrumentation, and analytical chemistry methods.

Summer 1970 -
Summer 1967

Chemical Engineering Aide, Shawnee Steam Plant. Assisted senior chemical engineer on evaluation of flue gas scrubbing process by injecting limestone directly into the boiler. Chemical Engineering Aide, Chattanooga, Tennessee. Performed various laboratory analyses and air quality tests at research laboratory to determine the optimum method of scrubbing sulfur and nitrous oxides from fossil plant flue gas. Mechanical Engineering Aide, Chattanooga, Tennessee. Performed precipitator and condenser efficiency tests at various fossil fueled plants. Evaluated data to determine whether equipment operated as guaranteed by vendor. Ironworker, Nickajack Dam. Worked as ironworker in fabrication shop.

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HH000071

President TVA
Nuclear & Chief
Operating Officer
O.D. Kingsloy, Jr.

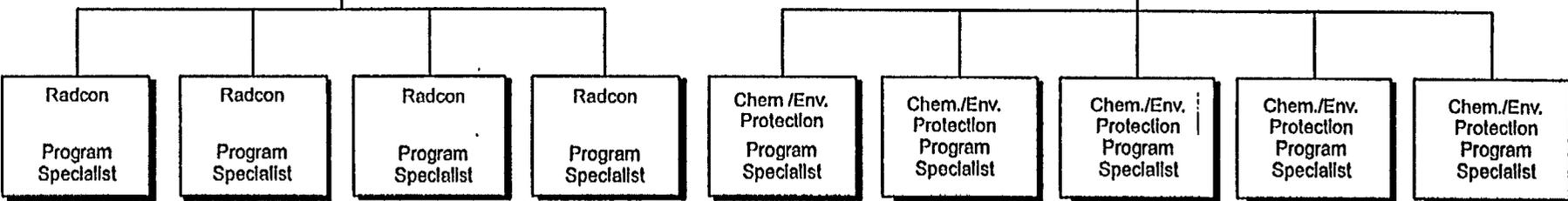
Sr. V.P.
Nuclear
Operations
Ike Zeringue

General
Manager
OPS Services
J.P.
Maclejewski

Radlological
Control
Manager

Secretary

Chemistry and
Environmental Protection
Manager



- RMSM Owner
- Multi-Site Contracts
- Radwaste Expertise
- Radwaste Permits
- Industry Benchmarking
- CECC Support
- Site Outage Planning Support
- Byproduct Material License Support
- TVAN Rad. Control Program & Project Management

- Radlological Protection Program Expertise
- Exposure Management Expertise (ALARA)
- Applied Radlological Control Expertise
- By Product material Control Expertise
- Site Outage Planning Support
- Radlological Asst. Expertise
- CECC Support
- TVAN Rad Control Program & Project Management

- NVLAP Rep/Tech. Director/ Quality Manager
- TLDS/ TLDAS Application Owner
- Chair, REAG
- Litigation Minimization
- TVAN Rad Control Program & Project Management
- Exposure Records & Records system Expertise
- CECC Support
- External Dosimetry Expertise

- Internal Dosimetry Expertise
- External Dosimetry Expertise
- REXS App. Owner
- Multi-Site Contracts
- Radlological Protection Expertise
- Instrumentation (Port/ Fixed) Expertise
- CECC Support
- Project Management

- NPDES Permitting
- State Operating Permits
- Ground Water Investigations
- Stormwater Permitting
- 404 Permits
- Training (Water/UST)
- Contracts Administration
- UST Permitting
- SPCC-Oil Plan
- CECC Support
- Self Assessments
- NEPA Reviews
- Resin Analysis and Specifications
- Chemical Traffic Control

- Site Lead Contact
- NEPA Reviews
- Asbestos Permitting/ Abatement
- PCB's
- Ozone Depletion (Title VI)
- Toxic Emission (Title II)
- Training (Air/PCB)
- Pesticides/ Herbicides
- Potable Water
- Self Assessment
- CECC Support
- Facility Permitting (Title V)
- Chemistry Manual Updates
- Chemistry Standards Updates
- Diesel Fuel Oil Control
- Bulk Chemical Control
- Make-Up Water Treatment
- Post Accident Sampling Systems

- Site Lead Contact
- Secondary Chemistry
- On-Line/Bench Instrumentation
- Steam Gen. Chemistry Programs
- CECC Support
- Westinghouse PIP
- Self Assessment
- Service Water Treatment Program
- Zinc Injection
- Raw Water Treatment
- Hazardous Materials Control Plan
- Training (Hazardous Waste)
- Hazardous Waste
- Hazardous Materials Review (313)
- Chemistry Data Management
- Steam Gen. Chemistry

- Site Lead Contact
- Primary Chemistry
- Hydrogen Water Chemistry
- Radiation Monitors
- Radioanalytical Working Group
- Source Term Reduction
- Gamma Scans/Outage
- Fuel Performance
- Chemical Cleaning / Decon
- Self Assessments
- CECC Support
- Cooling Tower Program
- Startup/Shutdown Chemistry
- Dose Assessment
- Radioactive Effluents Reports
- ODCM/RARC Chairman
- Met. Monitoring
- Training (REP/ODCM)
- Solid Waste
- Site Budget Reviews

- Site Lead Contact
- Software Control Program
- Countroom QC Standardization
- Inter/Intra Laboratory QC Program
- Pollisher Performance
- CECC Support
- Self Assessments
- Analytical Chemistry
- SARA (Tier II)
- Landfill/Disposal Permitting
- CERCLA
- NEPA Reviews
- Mixed Waste Permitting
- Analytical Working Group

HH000072

CANDIDATES

HH000073

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September 14, 1994

Ben G. Easley, LP 3A-C

INTERVIEW SCHEDULE - CHEMISTRY AND ENVIRONMENTAL PROTECTION SPECIALISTS
PG-7 (ANNOUNCEMENT NO. 6620) AND PG-8 (ANNOUNCEMENT NO. 6621) AND
RADIOLOGICAL CONTROL SPECIALIST PG-8 (ANNOUNCEMENT NO. 6613)

It is requested that your office set up interviews for the individuals listed below. The interviews will be conducted at BR 5N A12, Ivy Creek Room on September 22 and 23.

PG-8 Positions

Date: 9/22/94

Chemistry and Environmental Specialist:

<u>Name</u>	<u>Time</u>
Sam L. Harvey	8:30 a.m.
E. S. Chandrasekaran	9:15 a.m.
David W. Sorrelle	10:00 a.m.
Alfred Dyson	10:45 a.m.
Gary Fiser	11:30 a.m.

Radiological Control Specialist:

<u>Name</u>	<u>Time</u>
John Flood	1:45 p.m.
Regis Nicoll	2:30 p.m.
John Leamon	3:15 p.m.

PG-7 Positions

Date: 9/23/94

Radiological Control Specialist:

Gerald Knight	8:00 a.m.
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Chemistry and Environmental Specialist:

Gerald Knight	8:30 a.m.
James Mullenix	9:15 a.m.
Thomas Forsythe	10:00 a.m.
Betsy Eiford-Lee	10:45 a.m.
Jim Mantooth	11:30 a.m.
Joseph Johnson	12:15 p.m.
James Griggs	1:00 p.m.

Date: 9/26/94

Brian Williamson	9:00 a.m., BR 5D-C
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HH000074

Ben G. Easley
Page 2
September 14, 1994

The following Selection Boards have been assembled:

Date: 9/22/94

9/23/94

Board Members

Board Members

Gordon Rich/Dave Voeller
John Sabados
Pat Hughes/Wilson McArthur
Ron Grover
Ben Easley

Gordon Rich
Glen Bugg
Jerry Osborne

All board members are asked to assemble by 8:15 a.m. on their respective day. All material such as resumes, suggested questions, etc., will be provided.

W. C. McArthur
R. O. Grover
Manager
Chemistry and Environmental
Protection
BR 5D-C

W. C. McArthur
W. C. McArthur
Manager
Radiological Control
BR 5D-C

ROG:WCM:DJL

cc: S. G. Bugg, POB 2D-BFN
P. W. Hughes, MOB 2U-WBN
J. P. Maciejewski, LP 3B-C
J. D. Osborne, SBT 3A-SQN
G. L. Rich, OPS 2B-SQN
J. W. Sabados, POB 2D-BFN
D. J. Voeller, MOB 1F-WBN

05121

HH000075

VACANT POSITION ANNOUNCEMENT

SUMMARY DESCRIPTION OF DUTIES:

PROVIDE SENIOR TECHNICAL DIRECTION, SUPPORT, & OVERSIGHT TO THE TVAN CHEMISTRY & ENVIRONMENTAL PROTECTION PROGRAMS. THE INCUMBENT SERVES AS THE PRIMARY LIAISON BETWEEN THE SITES & TVAN CORPORATE. MANAGES THE IMPLEMENTATION OF DIRECTIVES, STANDARDS, & POLICIES & REGULATIONS AT ALL TVAN SITES. IS THE LEAD INDIVIDUAL FOR ENSURING THAT HIGH STANDARDS ARE SET & MAINTAINED AT BOTH CORPORATE & THE SITES. HIS/HER EFFORTS ARE FOCUSED ON ESTABLISHING/MAINTAINING A CHEMISTRY & ENVIRONMENTAL PROGRAM THAT ENHANCES THE SAFE & RELIABLE OPERATION OF TVAN SITES.

MINIMUM QUALIFICATIONS:

SHOULD HAVE A BACHELORS DEGREE OR THE EQUIVALENT IN CHEMISTRY, ENVIRONMENTAL SCIENCES, OR CHEMICAL ENGINEERING, INCLUDING FORMAL TRAINING & EXPERIENCE IN MANAGEMENT. SHALL HAVE AT LEAST EIGHT YEARS OF PROFESSIONAL EXPERIENCE IN APPLIED CHEMISTRY OR ENVIRONMENTAL PROTECTION, WITH EXPERIENCE AT AN OPERATING NUCLEAR PLANT PREFERABLE. SHOULD HAVE DETAILED KNOWLEDGE OF MODERN ANALYTICAL & RADIOANALYTICAL EQUIPMENT & METHODS USED FOR PERFORMING ALL REQUIRED CHEMISTRY & ENVIRONMENTAL ANALYSES AT TVAN SITES WHICH INCLUDES EQUIPMENT OPERATION & CAPABILITIES. HE/SHE MUST POSSESS GOOD KNOWLEDGE BASE IN AREAS OF ENVIRONMENTAL REGULATIONS.

TVA-WIDE MANAGEMENT

<p>HOW TO APPLY - EMPLOYEES GET THE APPROPRIATE EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION FORM AT YOUR LOCAL PERSONNEL, EMPLOYMENT, OR ADMINISTRATIVE OFFICE. THE FORM TO USE FOR THIS POSITION IS FORM TVA 9824. COMPLETE AND SEND THE FORM TO:</p>	<p>CLOSING DATE:</p>
<p>NUCLEAR HUMAN RESOURCES LOOKOUT PLACE 3A-C (X-3820)</p>	<p>08/31/94</p> <p>APPLICATIONS RECEIVED AFTER CLOSING DATE ARE NOT ENTITLED TO CONSIDERATION, BUT MAY BE CONSIDERED AT TVAS OPTION.</p>

POST ON WHITE PAPER

<p>TVA NUCLEAR</p>	<p>WORK LOCATION CHATTANOOGA</p>	
<p>OPERATION OPERATIONS SERVICES/CHEM & ENVIRON PROTECTIO ION (SUPV: JOHN MACIEJEWSKI)</p>	<p>POSITION CHEMISTRY & ENVIRON PROTECTION SPECIALIST HH000076 4 POSITIONS</p>	
<p>DEPARTMENT *PG 8 PENDING FINAL HAY EVALUATION</p>	<p>SCHEDULE AND GRADE PG 8*</p>	<p>ANNOUNCEMENT NO. 6621</p>

TVA IS AN EQUAL OPPORTUNITY EMPLOYER. SELECTIONS WILL BE MADE ON THE BASIS OF MERIT AND EFFICIENCY AS SET OUT IN THE TVA ACT AND APPLICABLE LAWS PROHIBITING DISCRIMINATION IN FEDERAL EMPLOYMENT.

POSITION DESCRIPTION

PD NO. _____

Name _____

Social Security Number _____

Position Title CHEMISTRY AND ENVIRONMENTAL
PROTECTION PROGRAM SPECIALIST

Pay Group or Schedule/Grade PG-8

Location Chattanooga

Effective Date _____

Organization Titles:

Group TVAN

Incumbent's Signature _____

Operations Nuclear Operations

Supervisor's Signature _____

Division Operations Services

HRM/HRO's Signature _____

Department Chemistry and Environmental Protection

Reports to _____

Section _____

(Title) Manager, Chemistry and Environmental Protection

Org Code _____

Supervisory _____

Approved Job Code: _____

Function Code: _____

Schedule/Pay Grade: _____

POSITION EVALUATION:

EVALUATION DATE: _____

EC&R REVIEWER INITIALS: _____

K-H Slot	K-H Pts	P-S Slot	P-S Pts	Acct Slot	Acct Pts	Total Pts	Profile

POSITION PURPOSE:

Provide senior technical direction, support, and oversight to the TVAN chemistry and environmental protection programs. The incumbent serves as the primary liaison between the sites and TVAN corporate. The incumbent manages the implementation of directives, standards, and policies and regulations at all TVAN sites. The incumbent is the lead individual for ensuring that high standards are set and maintained at both corporate and the sites. His/her efforts are focused on establishing/maintaining a chemistry and environmental program that enhances the safe and reliable operation of TVAN sites.

DIMENSIONS:

Employee:

Management/Professional/Technical = 0
Clerical/Technical Support = 0
TOTAL: = 0

Budget:

Operating = 0
Payroll = 0
TOTAL = 0

Distribution: Original - Human Resources Microrecords Unit, Knoxville
Copy - Operations Organization (as needed)
Copy - Central Office of Union Having Jurisdiction
Copy - Employee

HH000077

NAME _____ (First) (Middle) (Last) SSN _____ EFFECTIVE DATE _____

PRINCIPAL ACCOUNTABILITIES:

General:

1. Provide technical and programmatic expertise for implementation of the TVAN chemistry and environmental protection programs at individual sites. Provide direction as needed for project managers managing projects at his/her assigned site. Oversee the activities of other personnel assigned support functions for meeting the responsibilities of this position.
2. Assist site management with interpretation of chemistry and environmental policy; review and concur with site procedures and other TVAN documents that may impact the programs. Promote optimum consistency among site programs.
3. Recommend chemistry and environmental protection goals and specifications that are consistent with best industry practices, and assist with the implementation of actions to achieve them. Direct the performance of site evaluations of the chemistry and environmental protection programs to ensure consistency and compliance with established requirements.
4. Direct review and concur with root cause analyses for identified chemistry and environmental protection program problems, direct the development of corrective action plans, and coordinate the implementation of approved corrective actions.
5. Direct the performance of regulatory and licensing reviews of chemistry and environmental issues, recommend TVAN responses or positions, and concur with responses to external organizations.
6. Direct the development of chemistry and environmental protection training and qualification criteria. Conduct specialized seminars on chemistry and environmental protection technical topics as requested.
7. Provide long-term/large scope project support to the plant sites for major chemistry and environmental projects. Provide short-term plant problem response to the sites as requested.
8. Perform long-term data trending and assessment of key chemistry and environmental protection data. Provide appropriate feedback and corrective action proposals as necessary. Prepare an Annual Chemistry and Environmental Protection Report; review for concurrence with site staffs and issue.
9. Function as a primary TVA representative to the EPRI PWR Primary Water Chemistry Committee, EPRI/SGOG Chemistry Committee and EPRI BWR Owners Group Chemistry Committee and the appropriate environmental protection committees. Coordinate the release of chemistry and environmental data to outside organizations as authorized.
10. Serve as a chemistry and environmental protection specialist or alternate dose assessor, or environmental assessor, in the event of a radiological emergency. Remain on call 24 hours per day unless relieved by other approved personnel.
11. Actively engage in weekly plant tours, personnel interviews, observation feedback and working meetings during routine operations and plant outages. Coordinate with sites the preparation for INPO evaluations and responses.
12. Function as team leader and provide technical expertise in support of the Quarterly Chemistry and Environmental Protection Team assessments for TVAN sites.
13. Chair working groups such as radioanalytical working group, and analytical working group, the radiological assessment review committee.
14. Develop research and development project issues and act as technical coordinator. Compile data and research positions that support requests for systems specification changes and engineering design changes.

HH000078

Specific:

1. Act as a senior technical advisor and assist in carrying out site specific environmental permitting tasks such as NPDES, NEPA, underground storage tanks, asbestos, 404 Permits, landfill/disposal, mixed waste, material storage, storm water.
2. Provide direction in the implementation of site hazardous materials control plans, the proper handling and shipping of hazardous waste, mixed waste and solid waste.
3. Function as the TVAN senior technical expert to the sites in the areas of Chemical Traffic Control plans, bulk chemical control, handling of spills, PWR and BWR operational chemistry control, laboratory QA/QC, radioactive effluents, demineralization, post-accident sampling requirements, and failed fuel action plans.
4. Develop and interpret detailed data trending in the areas of primary and secondary chemistry for both BWR's and PWR's, auxiliary and makeup systems chemistry, radioactive effluents, site environmental discharges. Provide specific feedback for improvement on a routine basis.
5. Make recommendations to TVAN sites on resin type for usage in all plant applications. Assist the site in the development of resin specifications and analysis.
6. Understand the purpose and provide direction to TVAN site staffs in the implementation of such programs as ETA/Boric Acid/Molar-ratio control, secondary PWR Chemistry Control, IGSCC, mitigation, HWC and Zinc injection programs for BWR's, zebra mussel/clam control in service water systems.
7. Function as the senior technical expert and provide direction to the TVAN sites in all aspects of PWR steam generator chemistry/corrosion control which include hideout return evaluations, sludge lancing, chemical cleaning, and corrosion product transport minimization.
8. Function as the senior technical expert and provide direction to the TVAN sites in the areas of ODCM and radiological effluents management. Coordinate all regulatory updates.

MINIMUM QUALIFICATIONS:

The manager should have a bachelors degree or the equivalent in chemistry, environmental sciences, or chemical engineering, including formal training and experience in management. The manager shall have at least eight years professional experience in applied chemistry or environmental protection, with experience at an operating clear plant preferable. The manager should have detailed knowledge of modern analytical and radioanalytical equipment and methods used for performing all required chemistry and environmental analyses at TVAN sites which includes equipment operation and capabilities. He/she must possess a very good knowledge base in the areas of environmental regulations, PWR and BWR chemistry control guidelines and permitting requirements. An advanced degree and ten years experience at the professional or managerial level are desirable.

HH000679

08000080

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

- Received:

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name HARVEY III SAM L. 2. Soc. Sec. No. [REDACTED]
Last First Middle
3. Present Job Title Program Manager 4. Schedule & Grade PG 8
5. Organization Operations Services Department Chemistry

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chem. & Env. Spec.
8. Schedule & Grade PG 8 9. Organization Nuclear Power Department Oper. Service
Section Chem. & Environmental Protection Work Location Chattanooga
10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on page 2.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you (). Obtain copies from your organization human resource office if necessary. (If additional space is needed, use page 2.)

SEE ATTACHED RESUME.

HH000081

Name Harvey III Sam L. 2. Soc. Sec. No. [REDACTED]
Last First Middle

13. If announcement specified test requirements, have you qualified on the required test(s)? N/A

do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Handwritten Signature] Date 8/16/94

TVA Mailing Address BR 5D-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Human Resources Files, Knoxville, through your organization human resource officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

RESUME

Sam L. Harvey III



OBJECTIVE A challenging position where my education and experience in Chemistry will be an asset offering the opportunity for professional growth in Management and Supervision.

SUMMARY OF QUALIFICATIONS

Education: Took several courses at the Master level in Health Physics, Georgia Institute of Technology, Department of Continuing Education, Atlanta, Georgia, 1985. Bachelor of Science, (Biology/Chemistry), Valdosta State University, Valdosta, Georgia, 1980.

Publications: Available upon request.

Affiliations: Member: American Nuclear Society, American Chemical Society, National Association of Corrosion Engineers, New York Academy of Sciences.

Experience: Responsible for oversight, technical support, and program direction for a four site
Summary utility that included both PWR's and BWR's...prepared written evaluations of Primary, Secondary and BOP Chemistry parameters and results for site and senior management...Prepared and performed audits and assessments...Developed and wrote various chemical specifications and treatment programs for plant systems...Developed Chemistry procedures for plant radiation monitoring systems...Developed chemistry programs to ensure steam generator and reactor vessel long term integrity...Developed instrumentation requirements and analytical methods...Developed procedures and implemented Health Physics programs...Prepared ALARA engineering calculations...Systems analysis and troubleshooting...Coordinated work assignments and activities...Supervised technicians and professional staff...Procedure and systems walk downs...Information management and documentation...People engineering.

EMPLOYMENT HISTORY

May 1991 to present **Program Manager**, Tennessee Valley Authority, Corporate Office, Chattanooga, TN. Responsibilities include: oversight, technical support and program direction for four sites which include both PWR's and BWR's; primary focus areas include analytical chemistry, instrument selection and method development, secondary chemistry, balance of plant chemistry, steam generators and raw water systems. Provided specialized training to site staff and management. Provided periodic reports and briefings to senior utility management. Performed program assessments for site and senior management. *December 1991 - May 1992*; filled in at Sequoyah Nuclear Plant as acting Chemistry Technical Support Manager for a two unit PWR, duties included directing technical staff in daily assignments, reviewing and providing evaluation of plant chemistry data to plant management. developed and implemented improvements to the site chemistry program. *November 1992 - May 1993*; Acting Corporate Chemistry Manager, duties included managing corporate chemistry program to ensure oversight, technical support and program direction of TVA nuclear facilities, Supervision of corporate professional staff, development of budget and business plans, and implementation of Total Quality programs.

HH000683

EMPLOYMENT HISTORY

- December 1987 Staff Nuclear Chemist, Houston Lighting and Power Co.
April 1991 Responsibilities include: Developed and wrote various chemical specifications and treatment programs for plant systems; developed chemistry procedures for plant radiation monitoring system; developed and wrote technical specifications for laboratory and on-line ion chromatography (IC) systems; set up, tested, developed procedures and trained 40 technicians and 10 supervisors on the applications for IC; Coordinated and developed site inter and intralaboratory Quality Assurance Program; provided onsite technical support and direction for secondary chemistry and radiochemistry laboratory operations; provided onsite technical support and direction for effluent monitoring and reporting; prepared Daily and Monthly written evaluations of primary and secondary chemistry parameters and results for management review cycles, developed corporate chemistry goals for the site, coordinated site approved material program, developed instrument specifications and analytical methods, directed raw water treatment program.
- April 1987 to Senior Chemist, under contract to Georgia Power Co., Waynesboro, Ga.
December 1987 Responsibilities included: provided technical support for plant radiation monitoring system; prepared effluent permits; sample analysis and control of primary and secondary plant chemistry; operation of gamma spectroscopy system and data review; and performed troubleshooting of analytical instrumentation and procedure methods as needed.
- July 1985 Senior Shift Chemist, under contract to Carolina Power and Light Co., New Hill, N.C. to
March 1987 Responsibilities included: supervised three chemistry technicians; liaison to utility; analyzed and maintained primary and secondary plant systems; effluent monitoring and permit approval; effluent monitor setpoint control; developed chemistry procedures; maintained laboratory QA/QC program; setup, operation and maintenance of three Dionex ion chromatographs; assisted in the development of a caustic eluant method for the determination of low level organic and inorganic anions for the ion chromatograph.
- September 1981 Senior Health Physics Technician, under contract to various utilities.
to June 1987 Responsibilities included: directing and coordinating all work activities and health physics work assignments in all radiation controlled areas for 40 contract technicians; RWP survey review; RWP preparation; ALARA reviews; and calculating shielding requirement, record audits; directed health physics related job coverage in assigned areas; operation of counting room equipment and TLD reader; drywell maintenance; radwaste shipments and shipping packages; and performed containment power entries and surveys.
- August 1980 to Chemical Radiation Technician, Georgia Power Company, Plant Hatch Nuclear
September 1981 Station, Baxley, Georgia. Responsibilities included: calibration of plant liquid and gaseous effluent radiation monitors; prepared effluent release permits; performed radiochemical separations; operated water and waste treatment systems; developed chemistry procedures; operation of counting room equipment and data review; performed chemistry and health physics related activities in assigned areas; performed contamination, radiation and air sample area surveys; and performed radwaste shipments.

REFERENCES: AVAILABLE UPON REQUEST.

HH000084

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: _____

Date: _____

Questions

Score

1. Summarize your background/work experience as it relates to this position. _____
2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. _____
3. Provide your definition of corporate support, corporate oversight, and their relationship. _____
4. What do you see as the main role for this position? _____
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? _____
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. _____
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? _____
8. Describe at least 2 chemistry or environmental concerns of TVAN. _____
9. Provide 3 of your strengths that you feel makes you qualified for this job. _____

05161

HH000085

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

Received:

This form is to be completed only by present TVA employees when they want to apply for announced vacant position and should be sent to address given on announcement.

1. Name Chandrasekaran E. S. 2. Soc. Sec. No. [REDACTED]
Last First Middle

3. Present Job Title Program Manager 4. Schedule & Grade PG-8

5. Organization TVA Nuclear/OPS SVS Department Chemistry

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chem & Env
Specialist

8. Schedule & Grade PG-8 9. Organization TVAN Department OPS SVS/Chem
& Env Prot
Section _____ Work Location Chattanooga

10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halvesister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes," list name(s), relationship(s), and position(s) on page 2.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you (). Obtain copies from your organization human resource office if necessary. (If additional space is needed, use page 2.)

Please see attached resume'.

13. If announcement specified test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature Chandrasekaran Date 8-22-94

TVA Mailing Address BR 5D-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Human Resources Files, Knoxville, through your organization human resource officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

HH000086

RESUME

E. S. CHANDRASEKARAN

BR 5D-C

Phone: 751-3064

EDUCATION:

Ph.D. Chemistry
Michigan State University
M.S. Nuclear & Inorganic Chemistry
B.S. Chemistry

OBJECTIVE & SUMMARY:

A self-starting, dependable, team-oriented individual with broad technical expertise, supervisory and managerial experience, seeking a challenging position in the areas of Chemistry, and Health Physics management. Selected areas of expertise include:

- Management of Corporate Chemistry Program providing technical support, oversight, and program direction to PWR and BWR site Chemistry operations
- Radiological effluents and radiation monitoring programs
- Near term operating license (NTOL) startup PWR Chemistry program
- Operational PWR primary and secondary chemistry program
- Operational BWR chemistry and balance of plant chemistry
- Set up and oversight of chemical traffic control (CTC) program at PWR and BWR plants
- Raw water chemical treatment program for corrosion control
- Laboratory and count room set up and QA/QC program
- Hydrogen water chemistry issues at BWR
- Source term reduction and radwaste reduction program
- Environmental and radwaste management
- Chemical decontamination methods
- Corporate chemistry manual and standards development
- Software quality assurance program implementation

HH000087

EXPERIENCE:

May 1991 to Present:

TVA

Program Manager, Corporate Chemistry.

Responsibilities include technical support, oversight, and program direction on a wide range of chemistry activities for all TVA nuclear sites chemistry program. TVA nuclear sites consist of two unit operational PWR plant, three unit BWR plant (one unit operational, and two on restart status), two unit PWR plant near term operational status, and two unit PWR plant under construction. Some of the activities include long-term chemistry and radiochemistry data trending; radiological effluents; fuel performance evaluation, optimization of chemistry program improvements to meet the revised industry guidelines; radwaste minimization; source term reduction program implementation; cooling water treatment; chemical decontamination methods; hydrogen water chemistry at BWR to minimize IGSCC; multi-site cost effective partnering contract to meet site needs; emergency plan (EP) exercises dose assessment; Corporate chemistry manual and guidelines development; technical assessments; EPRI, INPO, GE, and Westinghouse industry meeting participation & guidelines development

March 1988 to May 1991

Houston Lighting & Power Co.,

Chemistry Operations & Analysis General Supervisor (11/90 to 5/91)

Chemistry Operations & Analysis Staff Chemist (3/88 to 10/90)

Responsible for two unit operational PWR units Chemistry & Radiochemistry technical support. The areas of responsibilities included primary and secondary chemistry short-term & long-term data evaluation and trending; radioactive effluents management program; radwaste management program; environmental management program; radiation monitoring system data trending and performance evaluation; chemical traffic control program management; Chemistry QA/QC program management; cooling water treatment & monitoring program; chemistry & health physics counting room management; condensate polishing improvements; chemistry program direction & oversight.

Supervised a staff of ten employees and few contractors.

June 1985 to March 1988

Manager / Technical director, Westel/Ad-Tec Inc.,

Responsible for technical and administrative management of radiochemistry and health physics services.

Supervised a staff of twelve employees and few contractors.

HH000088

September 1976 to May 1985
Eberline Analytical Services
Laboratory Manager / Director

Responsible for technical, administrative, and business management of the Eberline analytical services operation. The services provided include chemical and radiochemical analyses services to about 12 nuclear power plants in support of their radiological environmental monitoring program (REMP); 10CFR50 effluents sample analyses program; 10CFR61 radwaste sample analyses program; personnel and environmental TLD dosimetry services; radioactive calibration source manufacturing & calibrations; nuclear power plant & uranium milling radio bioassay services; radiological services for waste remediation DOE operations such as FUSRAP, UMTRAP etc., and specialized training services.

Supervised a staff of about forty employees and few contractors.

September 1975 to August 1976
University of Michigan
Lecturer

Taught chemistry for undergraduates and performed research work while completing my Ph.D thesis work.

OTHER:

Licensed by the State of New Mexico for calibration and service of X-ray machines for radiology

Have published over twenty papers in technical journals and have presented papers at symposiums and conferences

Was ranked number 1 in the University in the M.S degree program out of a class of sixty-six graduate students

HH000089

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: _____

Date: _____

Questions

Score

1. Summarize your background/work experience as it relates to this position. _____
2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. _____
3. Provide your definition of corporate support, corporate oversight, and their relationship. _____
4. What do you see as the main role for this position? _____
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? _____
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. _____
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? _____
8. Describe at least 2 chemistry or environmental concerns of TVAN. _____
9. Provide 3 of your strengths that you feel makes you qualified for this job. _____

05161

HH000090

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1994 AUG 31 2:10:31

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name Sorrelle David Walton 2. Soc.Sec.No. [redacted]
3. Present Job Title Mgr., Environmental Prot. 4. Grade (Salary Policy Employees Only) PG-10
5. Organization TVAN Department Technical Programs

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chemistry: Env. Prot. Spl.
8. Grade (Salary Policy Employees Only) PG-8 9. Organization TVAN
Department Operations Services Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes", list name(s), relationship(s), and position(s).

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you. Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

I am an experienced professional with more than 25 years in utility operations, manufacturing and engineering consulting. I have a double major in Chemistry and geology (B.S.). Eight years was devoted to fossil and nuclear operations at Alabama Power Co. in the startup and operation of 3 fossil and 1 nuclear unit. As manager of Facility Operations at Sony Magnetic Products for 10 years responsibilities included operation of a hazardous waste treatment facility and utility operations. My career responsibilities also included serving as Vice President of Environmental Special Projects for Vera Intl before joining TVA in 1987 in Chemistry as Project Manager. Recent responsibilities have included serving as manager of TVA's Environmental Protection Program and serving as regulatory point of contact for environmental permitting and compliance. My experience in Chemistry and Environmental Protection makes me uniquely qualified to fill the referenced vacancy. (over)

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date 8/30/94
Mailing Address BRSD-C

This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Microrecords Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

A resume is attached which summarizes my career and accomplishments.

Also I am a Board approved Certified Hazardous Materials Manager and Asbestos Abatement Supervisor.

HH000092

HH000092

DAVID W. SORRELLE

[REDACTED]
[REDACTED]
(615) 751-2216 (Work)
[REDACTED]

BACKGROUND SUMMARY

25 years of utility and private industry experience in environmental compliance and regulation, chemical control, implementation and long term operation management.

Knowledgeable in recycling, incineration, heat recovery and chemical management. Experienced in regulatory negotiations and utility/manufacturing systems startup.

ACCOMPLISHMENTS

- Appointed to "Advisory Committee on Hazardous Material and Resource Recovery (HAMMAR)" in 1986 by University of Alabama President, Dr. Joab Thomas.
- Appointed to "Advisory Committee on the Environment" by Alabama Governor Guy Hunt in 1987.
- Obtained Certified Hazardous Materials Manager (CHMM) certification in 1990 (CHMM # 2547).
- Obtained EPA Asbestos Abatement Supervisor certification in 1991 (AHERA 91-127-10).

WORK EXPERIENCE

TENNESSEE VALLEY AUTHORITY

Manager, Environmental Protection August 1989 - present
Manage Corporate Environmental Protection staff for TVA Nuclear. Responsibilities include directive, policy and procedure development/maintenance, permit negotiations for 4 nuclear power sites, site self-assessments, environmental review of modifications and construction and technical support. In addition manage a \$6,200,000 aquatic and environmental budget which supports 7 facilities and a \$800,000 department operating budget.

Project Manager, Environmental Protection March 1988 - July 1989
Coordinated nuclear power chemical management program, site/facility regulatory and licensing requirements in Emergency Planning and Community Right to Know, air and water permitting. Had direct responsibility for renewal of Browns Ferry Nuclear Plant NPDES permit.

Project Manager, Chemistry November 1987 - March 1988
Supervised coordination of make-up water demineralizer and condensate polisher upgrades, training of personnel, procedure development and start-up assistance of Sequoyah Unit #2.

HH000093

VARA INTERNATIONAL, INC.

Vice President, Environmental Engineering July 1987 - November 1987
Managed activities relating to the design, construction and start-up of pollution abatement systems associated with volatile organic carbon vapor recovery and distillation. In addition responsible for design of hazardous waste processing and recycling utilizing thin film evaporators. Activities also included hazardous waste, air and water permitting.

SONY MAGNETIC PRODUCTS, INC.

Division Manager, Facility Engineering December 1976 - June 1987
Managed start-up and operation of \$20,000,000 solvent recovery and utility complex. Managed staff of 109 with responsibilities in engineering, maintenance, construction, drafting, building/grounds, and utilities. Management responsibilities included operation of an 8 column distillation unit, 9 carbon adsorbers, two thin film evaporators and 2 incinerators (one at 12 ton per day burning solid waste and one permitted to burn hazardous waste, both with energy recovery). Responsibilities also included the operation of four (4) gas fired boilers, five (5) 750 ton Trane air conditioning chillers and three (3) 1250 CFM compressors. In addition responsibilities included the management of a \$1,000,000 per month department budget.

ALABAMA POWER COMPANY

Supervisor, Chemistry and Radiochemistry February 1972 - December 1987
Managed chemistry and radiochemistry at Farley Nuclear Plant in Dothan, Alabama. Responsibilities included staff selection, laboratory equipment and supplies procurement, procedure development, and other related activities supporting the start-up of Farley Unit 1. Supervised the start-up and operation of a 500 gpm demineralized water treatment facility and turbine/reactor on-line instrumentation.

Chemist, Chemistry and Controls September 1969 - January 1972
Barry Steam Plant, Mobile Alabama - 1969 - 1971
Gorgas Steam Plant, Jasper, Alabama - 1971 - 1972
Provided laboratory support during construction and start-up of Barry Units 4 & 5 (400 and 750 megawatts respectively) and Gorgas Unit 10 (750 megawatts). Activities included start-up and operation of 2 demineralized water treatment facilities and 3 polishing condensate demineralizers. In addition supervised the start-up of two (2) on-line instrumentation panels, training of staff personnel and procedure development.

EDUCATION -

B. S., Chemistry and Zoology (Double Major), University of North Alabama, 1969

HHG00094

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: _____

Date: _____

Questions

Score

1. Summarize your background/work experience as it relates to this position. _____
2. Describe 3 projects/programs your helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. _____
3. Provide your definition of corporate support, corporate oversight, and their relationship. _____
4. What do you see as the main role for this position? _____
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? _____
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. _____
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? _____
8. Describe at least 2 chemistry or environmental concerns of TVAN. _____
9. Provide 3 of your strengths that you feel makes you qualified for this job. _____

05161

HH000095

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

1994 SEP - 1 11 30

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name Dyson Alfred Middle 2. Soc. Sec. No. [Redacted]
3. Present Job Title Technical Services Supt. 4. Schedule & Grade PG-9
5. Organization F&H Pr Operations Department Allen Fossil Plant - Memphis

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chemistry & Environ Prot Spec
8. Grade PG-8* 9. Organization Nuclear Power Department Operations Services
Work Location Chattanooga

- 10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halvesister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes," list names(s), relationship(s), and position(s).
11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you [] Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

Education: M.S. Engineering Management
M.S. Chemical Engineering
B.S. Chemical Engineering
B.S. Mathematics (minor: Chemistry)

Experience & Training: Over 16 yrs TVA Experience
(See Attached Resume for Details)

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature Alfred Dyson Date 8/26/94
TVA Mailing Address FOS IA - ALF Phone: (901) 789-8478

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Microrecords Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

HH000096

ALFRED DYSON

CHEMICAL ENGINEER with over TWENTY (20) years of CHEMICAL ENGINEERING/CHEMISTRY EXPERIENCE in engineering and management positions. Includes more than 10 years of experience in process evaluation, process development and design engineering of various power plant systems and industrial chemical processes. More than 2 years of instructing and preparing training programs for Nuclear Power Plant Radiochemical Laboratory Analysts and Chemical Engineers/Chemists. Three years as a Quality Assurance Evaluator of NUCLEAR POWER PLANT Chemistry, Environmental Compliance, and Radioactive Waste Management programs. Also, 4 years experience as an ANALYTICAL CHEMIST at an oil refinery. Experienced in the use of commercial process design simulators and very proficient in FORTRAN, BASIC, and LOTUS 1-2-3 programming languages for use on mainframe, mini and personal computer (PC) workstations.

EDUCATION

M.S. Engineering Management - University of Tennessee (Chattanooga, Tn.), 1992
M.S. Engineering (Option: Chemical) - University of Tennessee (Chattanooga, Tn.), 1982
B.S. Chemical Engineering - Christian Brothers College (Memphis, Tn.), 1978
B.S. Mathematics (Minor: Chemistry) - Kentucky State University (Frankfort, Ky.), 1973

WORK EXPERIENCE

Tennessee Valley Authority (TVA), Technical Services Superintendent, Fossil & Hydro Power Division, Allen Fossil Plant - As Manager of the Technical Services Department, manages the engineering activities and chemistry laboratory operations of a major fossil generating plant to the objectives mandated by the plant manager. The objectives include safety accountability; resource management; projected generation; heat rate, availability, reliability improvements; budget adherence, environmental compliance, plant support system development and improved employee relations.

February 1993
to
Present

TVA, Engineering Specialist (Chemical), Nuclear Engineering, WBN Plant & Chattanooga Corporate Engineering Office - As a management specialist and consultant, directed administrative and technical chemical engineering functions pertaining to environmental compliance, chemical processes for water treatment, radwaste management, and materials compatibility. Responsible for preparation and/or review of engineering design criteria, studies, system modifications (DCNs), and procedures; and resolution of plant operating problems affecting the design requirements of these chemical-related areas.

December 1990
to
February 1993

Tennessee Valley Authority (TVA), Quality Assurance Evaluator, Division of Nuclear Quality Assurance, Sequoyah Nuclear Plant - Planned and performed real time surveillance observations and audits of nuclear plant site work activities in the program areas of chemistry & chemical operations; environmental compliance and radiological effluent/radwaste management. Reviewed related documentation (e.g., Technical Instructions) to verify that the observed activity or program conforms to specified requirements. Then evaluated the adequacy and effectiveness of the activity; and report conditions adverse to quality and safety to management. Also performed reviews of revisions and preparations of radwaste, environmental, and chemical-related procedures to ensure compliance with NRC, EPA, & TVA policies (i.e., 10CFR, NPDES, FSAR, Technical Specifications, etc.) and made recommendations to management for improvements.

January 1988
to
December 1990

Tennessee Valley Authority (TVA), Chemical Engineer (Instructor), Division of Nuclear Training - Prepared and/or presented technical lesson plans which describe and analyze key design, operational, and chemistry-related parameters of nuclear power plant systems. Technical topics included water treatment systems, radwaste processing, corrosion, radiochemistry, on-line chemical process instrumentation, analytical laboratory methods & instrumentation theory, ion exchange theory, primary and secondary systems chemistries for unit operations.

August 1985
to
January 1988

TVA, Chemical Engineer, Conservation and Energy Management - Developed energy conservation engineering test procedures, designed the test apparatus, prepared purchase requisitions, and directed the work of lower grade engineers and craftsmen in the construction of the test apparatus. Collected test parameters using an IBM PC/XT and data logger; and wrote BASIC computer programs that converted the raw test data into graphical display of engineering variables.

January 1985
to
August 1985

TVA, Chemical Engineer, Office of Coal Gasification - Performed system technical assessments and preliminary economic assessments of various coal gasification technologies for TVA management's process selection for the North Alabama Coal Gasification Project at Murphy Hill, Alabama. During detailed design phase reviewed and evaluated P&IDs submitted by outside contractors for technical adequacy, accuracy, and workability; recommended changes when necessary. Acquired and installed the ASPEN simulator on the TVA IBM mainframe computer. Then developed and maintained FORTRAN computer programs that performed complex process design heat & material balance calculations of integrated plant systems. Using computer simulation techniques, performed process analysis of various operating alternatives to increase the efficiency of the plant design and provide a better perspective of plant performance. Also trained engineering aides and assisted engineering peers with the development of plant systems steady state mathematical models. Also prepared technical assessments for Environmental Impact Statement (EIS) preparation. When the project ended, worked (on loan) at Browns Ferry Nuclear Plant. Performed systems walkdowns of HPCI and RCIC systems to verify as-constructed mechanical flow diagrams. As a team member, assisted in the preparation of ECNs, FCRs, and DCRs for maintenance work packages.

September 1980
to
January 1985

TVA, Chemical Engineer, Energy Demonstrations & Technology (ED&T) - Assisted Senior Research and Development engineers with economic, thermodynamic, and feasibility studies of various synfuel processes (e.g., coal liquefaction and gasification, biomass, fuel cells, cogeneration, etc.). Also included was the projection of data from pilot plant or bench scale to determine attributes and facilities of full-scale industrial plants. Kept abreast of novel energy processes and concepts by reading research journals and reports (e.g., DOE, EPRI, ORNL, etc.).

September 1978
to
September 1980

HH000697

August 1977
to
August 1978

Attended Christian Brothers College and studied chemical engineering as a full-time student.

July 1973
to
August 1977

Delta Oil Refining Company, Memphis, Tennessee; Chemist. Performed all aspects of final analytical testing (ASTM) on intermediate and finished products (e.g. gasolines, crudes oils, distillates, asphalts, process and waste waters, etc.). Worked full-time as the evening shift chemist and studied chemical engineering (part-time) during the day.

October 1972
to
April 1973

Commonwealth of Kentucky, State Highway Dept., Frankfort, Ky.; Civil Engineering Aide (part-time). Assisted state civil engineers study, plan, and implement construction of interstate highways (e.g., I-64) and state routes throughout Kentucky, with field trips included.

COLLEGE
SUMMER
WORK

Maintenance Department, Christian Brothers College, Memphis, Tennessee (1978)
Substitute Teacher, Memphis City Schools, Memphis, Tennessee (1971)
Tutor/Counselor, Project Upward Bound, Kentucky State University, Frankfort, Ky. (1968)

TECHNICAL
TRAINING

TVA sponsored computer courses in IBM, TSO, SAS, VSFORTRAN & PRIDE Methodology.
"Process Modeling and Computer (Dynamic) Simulation", University of Colorado (Boulder, Colorado)
Introductory Training Course for ASPEN PLUS", ASPEN Technology, Inc., (Cambridge, Massachusetts)
Advanced ASPEN Training", JSD, Inc., (Denver, Colorado)
PWR Systems Training for Engineers", Office of Nuclear Power (TVA)
BWR Systems Training for Engineers", Office of Nuclear Power (TVA)
Instructor Certification Program", Division of Nuclear Training (TVA)
Codes, Standards, and Regulatory Requirements", Division of Nuclear Training (TVA)
BWR Chemistry for STA", General Electric Corporation, (San Jose, California)
Radiochemistry Principles and Applications", General Physics Corporation, (Columbia, Maryland)
PWR Chemistry/Radiochemistry Data Evaluation and Interpretation", NUS Corporation, (Pittsburgh, Pa.)
Laboratory Safety", TVA Technical Support Branch, (Muscle Shoals, AL.)
Power Plant Fundamentals For Utility Engineers", GPS Technologies (Columbia, MD)
Environmental Regulation Course", Executive Enterprises (Little Rock, Arkansas)

MANAGEMENT
TRAINING

Project Management", Georgia State University, (Atlanta, Georgia)
Supervisor Development Course", Management Training, Nuclear Personnel Division (TVA)
Performance Monitoring and Feedback", Management Training, Nuclear Personnel Division (TVA)
Managing Upward", Management Training, Nuclear Personnel Division (TVA)
Management Concepts and Practices", Management Training, Nuclear Personnel Division (TVA)
Supervisory Safety Training", Management Training, Nuclear Personnel Division (TVA)
Problem Solving & Decision Analysis (Kepnor Tregore)", Management Training (TVA)
The Management Course - Unit I: The Art Of Management", AMA (Hilton Head, SC)

PROFESSIONAL
ACTIVITIES

Member of AIChE (Chairman of Local Chattanooga Chapter), Chattanooga Engineers Club, NTA, NOBCCHE

LICENSE

EIT (Tennessee)

PUBLICATION

COMPUTER SIMULATION OF A CLAUS SULFUR RECOVERY PROCESS

PERSONAL

[REDACTED]; Married; Height 5 ft. 11 in.; Weight 180 lbs.

REFERENCES

Furnished upon request

HH000098

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: _____

Date: _____

Questions

Score

1. Summarize your background/work experience as it relates to this position. _____
2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. _____
3. Provide your definition of corporate support, corporate oversight, and their relationship. _____
4. What do you see as the main role for this position? _____
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? _____
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. _____
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? _____
8. Describe at least 2 chemistry or environmental concerns of TVAN. _____
9. Provide 3 of your strengths that you feel makes you qualified for this job. _____

05161

HH000699

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1994 1003 11

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name Fiser Gary L. 2. Soc.Sec.No. [REDACTED]
Last First Middle

3. Present Job Title Chemistry Program Mgr. 4. Schedule and Grade (Salary Policy Employees Only) PS-8

5. Organization Chemistry Department _____

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title # 6621, Chem + Env Prot Specialist

8. Schedule and Grade (Salary Policy Employees Only) PS-8 9. Organization Chemistry + E.P.

Department Chemistry + Ep Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes", list name(s), relationship(s), and position(s).

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you. Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

See attached Resumes.

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date 8-31-94

TVA Mailing Address BR51

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Records Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

GARY LYNN FISER

[REDACTED] (Residence)

[REDACTED]
(615) 751-4955 (Work)

OBJECTIVE: To use my 21 years of experience and training in the field of chemistry and radiochemistry to help others achieve a new standard of excellence.

EDUCATION:

July 1972-1973 University of Arkansas, Fayetteville, Arkansas
30 hours graduate level in Microbiology

June 1972 Quachita University, Arkadelphia, Arkansas
B.S. Major: Chemistry; Minor: Biology

June 1967 Sheridan High School, Sheridan, Arkansas

May 1981 Louisiana State University, Baton Rouge, Louisiana
Fundamentals of Supervision Course

WORK EXPERIENCE:

TENNESSEE VALLEY AUTHORITY 1987 - 1993
Chattanooga, Tennessee

Chemistry and Environmental Superintendent, Sequoyah, April 1988 - April 1993

Responsible for forty-eight chemistry, radiochemistry, and environmental personnel. Major responsibilities included primary system chemistry and radiochemistry, secondary chemistry and feedwater chemistry control. Ensuring that radioactive effluents were within NRC and plant limits. Steam generator, condenser, condensate demineralizer, water treatment plant performance monitoring. Development of annual operating budget for the department (approximately \$4,000,000). Laboratory quality control and retraining. Ensuring that releases from the site were in compliance with the Tennessee Department of Health and Environment requirements, and the NPDES permit for Sequoyah. Also, participated in the recovery efforts leading to the successful restart of Sequoyah units one and two following an extended shutdown due to NRC safety concerns.

Chemistry Program Manager, September 1987 - April 1988

Responsible for managing the activities of Nuclear Power Chemistry Organization. Major responsibilities included providing direction and assistance to ensure consistency between site chemistry programs. Directing the development and maintenance of the Chemistry Directive and recommending changes to same. Concurrence with procedures, procedure changes, and site budgetary plans. Evaluations of the Chemistry Program, training, documentation, trends, and equipment. Directing the development of training and qualification criteria.

ARKANSAS POWER AND LIGHT 1973 - 1987
Russellville, Arkansas

Nuclear Quality Specialist, September 1986 - September 1987

Responsible for observations, surveillances, and audits for all areas of the plant, including Chemistry, Radiochemistry, Security, Corporate, Training, Design Control, and Operations.

HH000101

KANSAS POWER AND LIGHT (Continued)

Radiochemistry Supervisor, June 1979 - August 1986

Responsible for safety and training of 17 radiochemists and three supervisors. Major responsibilities included all chemistry and radiochemistry on primary systems for both B & W and C.E. units. Radioactive effluents (gaseous and liquid), ensuring that the effluents were within the U. S. NRC Technical Specifications and plant guidelines, documentation and reporting of same. Post Accident Sampling System design, construction, training, and performance checks. Gaseous Effluent Monitoring System, both normal and extended range for accident conditions. Plant Safety Committee Member. Dose Assessment Team Leader for the Emergency Response Organization.

Radiochemist, February 1974 - June 1979

Assisted in the initial setup of both the wet chemistry and radiochemistry laboratories and the radiochemistry counting room. This included initial instrument check-out, debugging, calibration, standardization, writing procedures and computer program, and setting up control/trend charts. Also, assisted in the start-up effort for C.E. PWR (Unit 2) with U-tube steam generators. Responsibilities included sampling and analysis of primary side systems and components, analyzing, trending, and reporting/documenting analytical results.

Chemist/Health Physics, August 1973 - January 1974

Responsible for obtaining primary and secondary samples in support of the start-up effort for B&W PWR (Unit 1) with OTSG's. Also, rotated into the Health Physics department for various assignments such as contamination surveys, alpha beta analysis using gas flow proportional counting equipment, gamma spectroscopy (Ge(Li) and NA(I), shielding surveys, and filing records.

UTTCHITA UNIVERSITY
Fayetteville, Arkansas

1970 - 1972

Research Assistant

Assisted Dr. Joe Nix by performing chemical analysis on the Caddo River/De Gray-Reservoir. Responsible for obtaining samples, preparation of samples for chemical analysis, and performing analytical tests using gas chromatography, atomic absorption spectrophotometer, IR absorbance equipment, and selective ion electrodes.

OTHER TRAINING

- Kepner Tregoe Training in Problem Solving a Decision Analysis
- B&W Radiochemistry Course, Lynchburg Research Center
- Cardiopulmonary Resuscitation Training, Instructors Course
- Supervisory Transition Course
- Time Management
- Fundamentals of Maintenance Management
- Supervisory Practices Seminar
- Middle South Services Auditor Training Course
- Numerous computer training courses

PUBLICATIONS/PRESENTATIONS

- "Radiochemistry Quality Control - How Do You Know Your Numbers are Right?", presented at the 1984 INPO Chemistry Managers Workshop.
- "Environmental Radiological Analysis of Fish as an Indicator of Liquid Release Pathway-Model Validation," presented at the Eighteenth Midyear Topical Symposium of the Health Physics Society in January, 1985.

HH030102

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: _____

Date: _____

Questions

Score

1. Summarize your background/work experience as it relates to this position. _____
2. Describe 3 projects/programs your helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. _____
3. Provide your definition of corporate support, corporate oversight, and their relationship. _____
4. What do you see as the main role for this position? _____
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? _____
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. _____
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? _____
8. Describe at least 2 chemistry or environmental concerns of TVAN. _____
9. Provide 3 of your strengths that you feel makes you qualified for this job. _____

05161

HH000103

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1994 AUG 17 10 13 41

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name PLEVA JOSEPH M 2. Soc. Sec. No. [REDACTED]

3. Present Job Title NUCLEAR SAFETY REVIEW BOARD ADMINISTRATOR 4. Schedule & Grade PG-9

5. Division NUCLEAR ASSURANCE AND LICENSING Branch INDEPENDENT REVIEWS AND ANALYSIS

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title CHEM & ENVIRON PROT SPECIALIST

Schedule and Grade PG-8 9. Division OPERATIONS SERVICES Branch [REDACTED]

Section CHEM & ENVIRON PROTECTION Work Location CHATTANOOGA

10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half-brother or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on reverse side.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you . Obtain copies from your division personnel office if necessary. (If additional space is needed, use reverse side)

SEE ATTACHED RESUME

13. If announcement specifies test requirements, have you qualified on the required test(s)? [REDACTED]

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date August 15, 1994

TVA Mailing Address BR 41-C HH000104

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Files, Knoxville, through your division personnel officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

Education

B.S. Chemical Engineering, University of Tennessee, Knoxville, Tennessee - 1971
Registered Professional Engineer in Tennessee - 1977, license No. 11,731
Westinghouse PWR Chemistry Course
ASME Course - Radioactive Waste Management
BWR and PWR Systems Training
Dale Carnegie Public Speaking Course
Various Technical and Management Training classes
Member of ASME Code on Nuclear Air and Gas Treatment - ASME/ANSI AG-1 - 1988

Experience

TENNESSEE VALLEY AUTHORITY

September 1991 - Present NSRB Administrator for Sequoyah Nuclear Plant and Principle Nuclear Reviewer. Duties were similar to the Watts Bar position. Other duties included: Providing NSRB required oversight for all Technical Specification changes and chairing the safety assessment and safety evaluation subcommittee which oversees the SQN 50.59 program. Assisted in special reviews requested by senior management.

January, 1991 - September 1991 Nuclear Safety Review Board Administrator for Watts Bar Nuclear Plant. Implemented the off site Nuclear Safety Review Program as required by site technical specifications. This included performing independent safety reviews, arranging meetings, coordinating subcommittee reviews, training members and advisors and preparing required reports for Senior Management and the TVA Board of Directors. Maintained regular contact with various senior TVA nuclear management on NRSB activities.

November 1986 - January 1991 Assistant Manager for Employee Concern Program (ECP) Chattanooga, Tennessee. Prepared major revisions to ECP operating procedure based on first year's operating experience. Assigned as special investigator for complex employee concerns at various plant sites. Provided overall coordination and leadership in organizing and conducting the ECP conference in which 40 nuclear sites were represented.

June 1986 - October 1986 Assistant Manager for ECP at the Browns Ferry Nuclear Plant, Athens, Alabama. Received, investigated, evaluated, reported on and responded to employee concerns in various technical (civil, electrical, mechanical, etc.) and personnel matters. This included recommending solutions to senior managers for corrective action.

August 1985 - June 1986 Senior Project Engineer, Browns Ferry Nuclear Plant, Athens, Alabama. Responsible for upgrading all plant engineering procedures (nuclear, mechanical, chemical, etc.). Assigned as Project Manager on the installation of a Wide Range Gaseous Effluent Monitoring System which was needed to meet NU REG 0737 requirements. In addition, supervised three experienced Project Engineers.

February 1984 - August 1985 Project Engineer, Browns Ferry Nuclear Plant, Athens, Alabama. Functioned as an internal consultant to the plant to ensure that all regulatory deficiencies (NRC, INPO, etc.) were identified. A Chemistry Improvement Plan with 149 action plans was developed and implemented onsite. This included working with the plant chemical unit supervisor in areas of chemistry, radiochemistry, radiation monitoring, water treatment systems, process instrumentation, and other related areas.

Resume
Joseph M. Pleva

January 1980 -
February 1984

Chemical Engineering Supervisor, Chattanooga, Tennessee. Responsible for all corporate chemical engineering support for the nuclear power program. This involved engineering support for the nuclear power program. This involved coordination of major chemical engineering programs, development of chemical engineering standards based on various industry and regulatory requirements, and the analysis of plant chemical processing system performance so that maximum safety, economy, efficiency, and availability of generating units was achieved. Worked as utility representative in the development of EPRI BWR Water Chemistry Guidelines.

October 1977 -
December 1979

Senior Chemical Engineer, Chattanooga, Tennessee. Functioned as principal consulting engineer for operation of radwaste water processing equipment for all TVA nuclear plants. Other system engineering responsibilities were: sodium hypochlorite, condensate demineralizers, water clarification and makeup demineralization, and offgas system. Successfully completed a 1-week course on both BWR and PWR operation which included simulator and plant system training. Represented TVA on an ASME subcommittee on testing on offgas systems.

March 1974 -
September 1977

Chemical Engineer, Sequoyah Nuclear Plant, Soddy-Daisy, Tennessee. Served as lead engineer on startup and subsequent operation of water treatment systems and auxiliary boilers. Prepared plant instructions for liquid and gaseous radwaste releases, radiation monitoring systems, ventilation equipment, radiochemical laboratory instrumentation, and plant water chemistry specifications. Taught classes in plant systems and water chemistry to operations and engineering personnel.

December 1972 -
February 1974

Chemical Engineer, Chattanooga, Tennessee. Served as consultant to fossil plants on minimizing corrosion problems and supervised startup of new water treatment plants and demineralizer systems.

August 1971 -
September 1972

Chemical Engineer, Cumberland Steam Plant, Cumberland City, Tennessee. Solved various problems encountered during plant startup. These areas included chemical cleaning, makeup water treatment system, condensate demineralizers, sewage plant, process instrumentation, and analytical chemistry methods.

Summer 1970 -
Summer 1967

Chemical Engineering Aide, Shawnee Steam Plant. Assisted senior chemical engineer on evaluation of flue gas scrubbing process by injecting limestone directly into the boiler. Chemical Engineering Aide, Chattanooga, Tennessee. Performed various laboratory analyses and air quality tests at research laboratory to determine the optimum method of scrubbing sulfur and nitrous oxides from fossil plant flue gas. Mechanical Engineering Aide, Chattanooga, Tennessee. Performed precipitator and condenser efficiency tests at various fossil fueled plants. Evaluated data to determine whether equipment operated as guaranteed by vendor. Ironworker, Nickajack Dam. Worked as ironworker in fabrication shop.

0589b

HH000106

President TVA
Nuclear & Chief
Operating Officer

O.D. Kingsley, Jr.

Sr. V.P.
Nuclear
Operations
Iko Zeringue

General
Manager
OPS Services
J.P.
Maciejewski

Radiological
Control
Manager

Secretary

Chemistry and
Environmental Protection
Manager

Radcon
Program
Specialist

Radcon
Program
Specialist

Radcon
Program
Specialist

Radcon
Program
Specialist

Chem./Env.
Protection
Program
Specialist

- RMSM Owner
- Multi-Site Contracts
- Radwaste Expertise
- Radwaste Permits
- Industry Benchmarking
- CECC Support
- Site Outage Planning Support
- Byproduct Material License Support
- TVAN Rad. Control Program & Project Management

- Radiological Protection Program Expertise
- Exposure Management Expertise (ALARA)
- Applied Radiological Control Expertise
- By Product material Control Expertise
- Site Outage Planning Support
- Radiological Asst. Expertise
- CECC Support
- TVAN Rad. Control Program & Project Management

- NVLAP Rep/Tech. Director/ Quality Manager
- TLDSS/ TLDAS Application Owner
- Chair, REAG
- Litigation Minimization
- TVAN Rad Control Program & Project Management
- Exposure Records & Records system Expertise
- CECC Support
- External Dosimetry Expertise

- Internal Dosimetry Expertise
- External Dosimetry Expertise
- REXS App. Owner
- Multi-Site Contracts
- Radiological Protection Expertise
- Instrumentation (Port/Fixed) Expertise
- CECC Support
- Project Management

- NPDES Permitting
- State Operating Permits
- Ground Water Investigations
- Stormwater Permitting
- 404 Permits
- Training (Water/UST)
- Contracts Administration
- UST Permitting
- SPCC-Oil Plan
- CECC Support
- Self Assessments
- NEPA Reviews
- Resin Analysis and Specifications
- Chemical Traffic Control

- Site Lead Contact
- NEPA Reviews
- Asbestos Permitting/ Abatement
- PCB's
- Ozone Depletion (Title VI)
- Toxic Emission (Title III)
- Training (Air/PCB)
- Pesticides/ Herbicides
- Potable Water
- Self Assessment
- CECC Support
- Facility Permitting (Title V)
- Chemistry Manual Updates
- Chemistry Standards Updates
- Diesel Fuel Oil Control
- Bulk Chemical Control
- Make-Up Water Treatment
- Post Accident Sampling Systems

- Site Lead Contact
- Secondary Chemistry
- On-Line/Bench Instrumentation
- Steam Gen. Chemistry Programs
- CECC Support
- Westinghouse PIP
- Self Assessment
- Service Water Treatment Program
- Zinc Injection
- Raw Water Treatment
- Hazardous Materials Control Plan
- Training (Hazardous Waste)
- Hazardous Waste
- Hazardous Materials Review (313)
- Chemistry Data Management
- Steam Gen. Chemistry

- Site Lead Contact
- Primary Chemistry
- Hydrogen Water Chemistry
- Radiation Monitors
- Radioanalytical Working Group
- Source Term Reduction
- Gamma Scans/Outage
- Fuel Performance
- Chemical Cleaning / Decon
- Self Assessments
- CECC Support
- Cooling Tower Program
- Startup/Shutdown Chemistry
- Dose Assessment
- Radioactive Effluents Reports
- ODCM/RARC Chairman
- Met. Monitoring
- Training (REP/ODCM)
- Solid Waste
- Site Budget Reviews

- Site Lead Contact
- Software Control Program
- Countroom QC Standardization
- Inter/Intra Laboratory QC Program
- Polisher Performance
- CECC Support
- Self Assessments
- Analytical Chemistry
- SARA (Tier II)
- Landfill/Disposal Permitting
- CERCLA
- NEPA Reviews
- Mixed Waste Permitting
- Analytical Working Group

HH000107

CANDIDATES

rwst

HH000108

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September 14, 1994

Ben G. Easley, LP 3A-C

INTERVIEW SCHEDULE - CHEMISTRY AND ENVIRONMENTAL PROTECTION SPECIALISTS
PG-7 (ANNOUNCEMENT NO. 6620) AND PG-8 (ANNOUNCEMENT NO. 6621) AND
RADIOLOGICAL CONTROL SPECIALIST PG-8 (ANNOUNCEMENT NO. 6613)

It is requested that your office set up interviews for the individuals listed below. The interviews will be conducted at BR 5N A12, Ivy Creek Room on September 22 and 23.

PG-8 Positions

Date: 9/22/94

Chemistry and Environmental Specialist:

<u>Name</u>	<u>Time</u>
Sam L. Harvey	8:30 a.m.
E. S. Chandrasekaran	9:15 a.m.
David W. Sorrelle	10:00 a.m.
Alfred Dyson	10:45 a.m.
Gary Fiser	11:30 a.m.

Radiological Control Specialist:

<u>Name</u>	<u>Time</u>
John Flood	1:45 p.m.
Regis Nicoll	2:30 p.m.
John Leamon	3:15 p.m.
Gerald Knight	4:00 p.m.

PG-7 Positions

Date: 9/23/94

Chemistry and Environmental Specialist:

Gerald Knight	8:30 a.m.
James Mullenix	9:15 a.m.
Thomas Forsythe	10:00 a.m.
Betsy Eiford-Lee	10:45 a.m.
Jim Mantooth	11:30 a.m.
Joseph Johnson	12:15 p.m.
James Griggs	1:00 p.m.

Date: 9/26/94

Brian Williamson 9:00 a.m., BR 5D-C

HH000109

Ben G. Easley
Page 2
September 14, 1994

The following Selection Boards have been assembled:

Date: 9/22/94

9/23/94

Board Members

Gordon Rich/Dave Voeller
John Sabados
Pat Hughes/Wilson McArthur
Ron Grover
Ben Easley

Board Members

Gordon Rich
Glen Bugg
Jerry Osborne

All board members are asked to assemble by 8:15 a.m. on their respective day. All material such as resumes, suggested questions, etc., will be provided.

W. C. Grover
R. O. Grover
Manager
Chemistry and Environmental
Protection
BR 5D-C

W. C. McArthur
W. C. McArthur
Manager
Radiological Control
BR 5D-C

ROG:WCM:DJL

cc: S. G. Bugg, POB 2D-BFN
P. W. Hughes, MOB 2U-WEN
J. P. Maciejewski, LP 3B-C
J. D. Osborne, SBT 3A-SQN
G. L. Rich, OPS 2B-SQN
J. W. Sabados, POB 2D-BFN
D. J. Voeller, MOB 1F-WEN

05121

HH000110

VACANT POSITION ANNOUNCEMENT

SUMMARY DESCRIPTION OF DUTIES:

PROVIDE SENIOR TECHNICAL DIRECTION, SUPPORT, & OVERSIGHT TO THE TVAN CHEMISTRY & ENVIRONMENTAL PROTECTION PROGRAMS. THE INCUMBENT SERVES AS THE PRIMARY LIAISON BETWEEN THE SITES & TVAN CORPORATE. MANAGES THE IMPLEMENTATION OF DIRECTIVES, STANDARDS, & POLICIES & REGULATIONS AT ALL TVAN SITES. IS THE LEAD INDIVIDUAL FOR ENSURING THAT HIGH STANDARDS ARE SET & MAINTAINED AT BOTH CORPORATE & THE SITES. HIS/HER EFFORTS ARE FOCUSED ON ESTABLISHING/MAINTAINING A CHEMISTRY & ENVIRONMENTAL PROGRAM THAT ENHANCES THE SAFE & RELIABLE OPERATION OF TVAN SITES.

MINIMUM QUALIFICATIONS:

SHOULD HAVE A BACHELORS DEGREE OR THE EQUIVALENT IN CHEMISTRY, ENVIRONMENTAL SCIENCES, OR CHEMICAL ENGINEERING, INCLUDING FORMAL TRAINING & EXPERIENCE IN MANAGEMENT. SHALL HAVE AT LEAST EIGHT YEARS OF PROFESSIONAL EXPERIENCE IN APPLIED CHEMISTRY OR ENVIRONMENTAL PROTECTION, WITH EXPERIENCE AT AN OPERATING NUCLEAR PLANT PREFERABLE. SHOULD HAVE DETAILED KNOWLEDGE OF MODERN ANALYTICAL & RADIOANALYTICAL EQUIPMENT & METHODS USED FOR PERFORMING ALL REQUIRED CHEMISTRY & ENVIRONMENTAL ANALYSES AT TVAN SITES WHICH INCLUDES EQUIPMENT OPERATION & CAPABILITIES. HE/SHE MUST POSSESS GOOD KNOWLEDGE BASE IN AREAS OF ENVIRONMENTAL REGULATIONS.

TVA-WIDE MANAGEMENT

<p>HOW TO APPLY - EMPLOYEES GET THE APPROPRIATE EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION FORM AT YOUR LOCAL PERSONNEL, EMPLOYMENT, OR ADMINISTRATIVE OFFICE. THE FORM TO USE FOR THIS POSITION IS FORM TVA 9824. COMPLETE AND SEND THE FORM TO:</p> <p>NUCLEAR HUMAN RESOURCES LOOKOUT PLACE 3A-C (X-3820)</p>	<p>CLOSING DATE:</p> <p>08/31/94</p> <p>APPLICATIONS RECEIVED AFTER CLOSING DATE ARE NOT ENTITLED TO CONSIDERATION, BUT MAY BE CONSIDERED AT TVAS OPTION.</p>
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POST ON WHITE PAPER

TVA NUCLEAR	WORK LOCATION CHATTANOOGA	
OPERATION	POSITION	
PERATIONS SERVICES/CHEM & ENVIRON PROTECTIO	CHEMISTRY & ENVIRON PROTECTION SPECIALIST	
(SUPV: JOHN MACIEJEWSKI)	4 POSITIONS	FH000111
DEPARTMENT	SCHEDULE AND GRADE	ANNOUNCEMENT NO.
PG 8 PENDING FINAL HAY EVALUATION	PG 8	6621

TVA IS AN EQUAL OPPORTUNITY EMPLOYER. SELECTIONS WILL BE MADE ON THE BASIS OF MERIT AND EFFICIENCY AS SET OUT IN THE TVA ACT AND APPLICABLE LAWS PROHIBITING DISCRIMINATION IN FEDERAL EMPLOYMENT.

POSITION DESCRIPTION

PD NO. _____

Name _____

Social Security Number _____

Position Title CHEMISTRY AND ENVIRONMENTAL PROTECTION PROGRAM SPECIALIST

Pay Group or Schedule/Grade PG-8

Location Chattanooga

Effective Date _____

Organization Titles:

Incumbent's Signature _____

Group TVAN

Supervisor's Signature _____

Operations Nuclear Operations

HRM/HRO's Signature _____

Division Operations Services

Reports to _____

Department Chemistry and Environmental Protection

(Title) Manager, Chemistry and Environmental Protection

Section _____

Supervisory _____

Org Code _____

Approved Job Code: _____

Function Code: _____

Schedule/Pay Grade: _____

POSITION EVALUATION:

EVALUATION DATE: _____

EC&R REVIEWER INITIALS: _____

K-H Slot	K-H Pts	P-S Slot	P-S Pts	Acct Slot	Acct Pts	Total Pts	Profile

POSITION PURPOSE:

Provide senior technical direction, support, and oversight to the TVAN chemistry and environmental protection programs. The incumbent serves as the primary liaison between the sites and TVAN corporate. The incumbent manages the implementation of directives, standards, and policies and regulations at all TVAN sites. The incumbent is the lead individual for ensuring that high standards are set and maintained at both corporate and the sites. His/her efforts are focused on establishing/maintaining a chemistry and environmental program that enhances the safe and reliable operation of TVAN sites.

DIMENSIONS:

Employee:

Management/Professional/Technical = 0
 Clerical/Technical Support = 0
 TOTAL: = 0

Budget:

Operating = 0
 Payroll = 0
 TOTAL = 0

Distribution: Original - Human Resources Microrecords Unit, Knoxville
 Copy - Operations Organization (as needed)
 Copy - Central Office of Union Having Jurisdiction
 Copy - Employee

HH000112

NAME _____ SSN _____ EFFECTIVE DATE _____
(First) (Middle) (Last)

PRINCIPAL ACCOUNTABILITIES:

General:

1. Provide technical and programmatic expertise for implementation of the TVAN chemistry and environmental protection programs at individual sites. Provide direction as needed for project managers managing projects at his/her assigned site. Oversee the activities of other personnel assigned support functions for meeting the responsibilities of this position.
2. Assist site management with interpretation of chemistry and environmental policy; review and concur with site procedures and other TVAN documents that may impact the programs. Promote optimum consistency among site programs.
3. Recommend chemistry and environmental protection goals and specifications that are consistent with best industry practices, and assist with the implementation of actions to achieve them. Direct the performance of site evaluations of the chemistry and environmental protection programs to ensure consistency and compliance with established requirements.
4. Direct review and concur with root cause analyses for identified chemistry and environmental protection program problems, direct the development of corrective action plans, and coordinate the implementation of approved corrective actions.
5. Direct the performance of regulatory and licensing reviews of chemistry and environmental issues, recommend TVAN responses or positions, and concur with responses to external organizations.
6. Direct the development of chemistry and environmental protection training and qualification criteria. Conduct specialized seminars on chemistry and environmental protection technical topics as requested.
7. Provide long-term/large scope project support to the plant sites for major chemistry and environmental projects. Provide short-term plant problem response to the sites as requested.
8. Perform long-term data trending and assessment of key chemistry and environmental protection data. Provide appropriate feedback and corrective action proposals as necessary. Prepare an Annual Chemistry and Environmental Protection Report; review for concurrence with site staffs and issue.
9. Function as a primary IVA representative to the EPRI PWR Primary Water Chemistry Committee, EPRI/SGOG Chemistry Committee and EPRI BWR Owners Group Chemistry Committee and the appropriate environmental protection committees. Coordinate the release of chemistry and environmental data to outside organizations as authorized.
10. Serve as a chemistry and environmental protection specialist or alternate dose assessor, or environmental assessor, in the event of a radiological emergency. Remain on call 24 hours per day unless relieved by other approved personnel.
11. Actively engage in weekly plant tours, personnel interviews, observation feedback and working meetings during routine operations and plant outages. Coordinate with sites the preparation for INPO evaluations and responses.
12. Function as team leader and provide technical expertise in support of the Quarterly Chemistry and Environmental Protection Team assessments for TVAN sites.
13. Chair working groups such as radioanalytical working group, and analytical working group, the radiological assessment review committee.
14. Develop research and development project issues and act as technical coordinator. Compile data and research positions that support requests for systems specification changes and engineering design changes.

HH000113

Specific:

1. Act as a senior technical advisor and assist in carrying out site specific environmental permitting tasks such as NPDES, NEPA, underground storage tanks, asbestos, 404 Permits, landfill/disposal, mixed waste, material storage, storm water.
2. Provide direction in the implementation of site hazardous materials control plans, the proper handling and shipping of hazardous waste, mixed waste and solid waste.
3. Function as the TVAN senior technical expert to the sites in the areas of Chemical Traffic Control plans, bulk chemical control, handling of spills, PWR and BWR operational chemistry control, laboratory QA/QC, radioactive effluents, demineralization, post-accident sampling requirements, and failed fuel action plans.
4. Develop and interpret detailed data trending in the areas of primary and secondary chemistry for both BWR's and PWR's, auxiliary and makeup systems chemistry, radioactive effluents, site environmental discharges. Provide specific feedback for improvement on a routine basis.
5. Make recommendations to TVAN sites on resin type for usage in all plant applications. Assist the site in the development of resin specifications and analysis.
6. Understand the purpose and provide direction to TVAN site staffs in the implementation of such programs as ETA/Boric Acid/Molar-ratio control, secondary PWR Chemistry Control, IGSCC, mitigation, HWC and Zinc injection programs for BWR's, zebra mussel/clam control in service water systems.
7. Function as the senior technical expert and provide direction to the TVAN sites in all aspects of PWR steam generator chemistry/corrosion control which include hideout return evaluations, sludge lancing, chemical cleaning, and corrosion product transport minimization.
8. Function as the senior technical expert and provide direction to the TVAN sites in the areas of ODCM and radiological effluents management. Coordinate all regulatory updates.

MINIMUM QUALIFICATIONS:

The manager should have a bachelors degree or the equivalent in chemistry, environmental sciences, or chemical engineering, including formal training and experience in management. The manager shall have at least eight years professional experience in applied chemistry or environmental protection, with experience at an operating power plant preferable. The manager should have detailed knowledge of modern analytical and radioanalytical equipment and methods used for performing all required chemistry and environmental analyses at TVAN sites which includes equipment operation and capabilities. He/she must possess a very good knowledge base in the areas of environmental regulations, PWR and BWR chemistry control guidelines and permitting requirements. An advanced degree and ten years experience at the professional or managerial level are desirable.

INTERVIEW
QUESTIONS

HH000115

3 1/2 yrs - SQM support

Q1200 User Product for QA
- COMMUNICATED ALL STAFF
Q BA SIM QCM CONTROL

• USER SIGN - TEAM? CONCEPT +

- STRONG CHARACTER
- WEAK EVALUATION

9

TEAM FEEL
PREPARE
HOW CARE

PERSONALITY +
TECHNICAL EXP +
ENVIRONMENTAL EXP -
MANAGEMENT ?

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: SAM HARVEY

Date: 9/22/94

Questions

Score

- | | |
|---|-------------|
| 1. Summarize your background/work experience as it relates to this position. | <u>8</u> ↑ |
| 2. Describe 3 projects/programs your helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. | <u>8</u> + |
| 3. Provide your definition of corporate support, corporate oversight, and their relationship. | <u>8</u> + |
| 4. What do you see as the main role for this position? | <u>8</u> + |
| 5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? | <u>8</u> → |
| 6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. <i>YOUR OWN, YOUR MIND</i> | <u>8</u> → |
| 7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? | <u>8</u> |
| 8. Describe at least 2 chemistry or environmental concerns of IVAN. | <u>10</u> + |
| 9. Provide 3 of your strengths that you feel makes you qualified for this job. | <u>9</u> |

74

05161

HH000117

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

Received:

This form is to be completed only by present TVA employees when they want to apply for announced vacant position and should be sent to address given on announcement.

1. Name HARVEY III SAM L. 2. Soc. Sec. No. [REDACTED]
Last First Middle
3. Present Job Title Program Manager 4. Schedule & Grade PG 8
5. Organization Operations Services Department Chemistry

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chem. & Env. Spec.
8. Schedule & Grade PG 8 9. Organization Nuclear Power Department Oper. Service
Section Chem. & Environmental Protection Work Location Chattanooga
10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on page 2.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you (). Obtain copies from your organization human resource office-if necessary. (If additional space is needed, use page 2.)

SEE ATTACHED RESUME.

HH000118

Name Harvey III Sam L. 2. Soc. Sec. No. [REDACTED]
Last First Middle

13. If announcement specified test requirements, have you qualified on the required test(s)? N/A

do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Handwritten Signature] Date 8/16/94

TVA Mailing Address BR 5D-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Human Resources Files, Knoxville, through your organization human resource officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

HH000119

RESUME

Sam L. Harvey III



OBJECTIVE A challenging position where my education and experience in Chemistry will be an asset offering the opportunity for professional growth in Management and Supervision.

SUMMARY OF QUALIFICATIONS

Education: Took several courses at the Master level in Health Physics, Georgia Institute of Technology, Department of Continuing Education, Atlanta, Georgia, 1985. Bachelor of Science, (Biology/Chemistry), Valdosta State University, Valdosta, Georgia, 1980.

Publications: Available upon request.

Affiliations: Member: American Nuclear Society, American Chemical Society, National Association of Corrosion Engineers, New York Academy of Sciences.

Experience: Responsible for oversight, technical support, and program direction for a four site utility that included both PWR's and BWR's...prepared written evaluations of Primary, Secondary and BOP Chemistry parameters and results for site and senior management...Prepared and performed audits and assessments...Developed and wrote various chemical specifications and treatment programs for plant systems...Developed Chemistry procedures for plant radiation monitoring systems...Developed chemistry programs to ensure steam generator and reactor vessel long term integrity...Developed instrumentation requirements and analytical methods...Developed procedures and implemented Health Physics programs...Prepared ALARA engineering calculations...Systems analysis and troubleshooting...Coordinated work assignments and activities...Supervised technicians and professional staff...Procedure and systems walk downs...Information management and documentation...People engineering.

EMPLOYMENT HISTORY

May 1991 to present Program Manager, Tennessee Valley Authority, Corporate Office, Chattanooga, TN. Responsibilities include: oversight, technical support and program direction for four sites which include both PWR's and BWR's; primary focus areas include analytical chemistry, instrument selection and method development, secondary chemistry, balance of plant chemistry, steam generators and raw water systems. Provided specialized training to site staff and management. Provided periodic reports and briefings to senior utility management. Performed program assessments for site and senior management. *December 1991 - May 1992*; filled in at Sequoyah Nuclear Plant as acting Chemistry Technical Support Manager for a two unit PWR, duties included directing technical staff in daily assignments, reviewing and providing evaluation of plant chemistry data to plant management, developed and implemented improvements to the site chemistry program. *November 1992 - May 1993*; Acting Corporate Chemistry Manager, duties included managing corporate chemistry program to ensure oversight, technical support and program direction of TVA nuclear facilities, Supervision of corporate professional staff, development of budget and business plans, and implementation of Total Quality programs.

HH000120

EMPLOYMENT HISTORY

- December 1987 Staff Nuclear Chemist, Houston Lighting and Power Co.
- April 1991 Responsibilities include: Developed and wrote various chemical specifications and treatment programs for plant systems; developed chemistry procedures for plant radiation monitoring system; developed and wrote technical specifications for laboratory and on-line ion chromatography (IC) systems; set up, tested, developed procedures and trained 40 technicians and 10 supervisors on the applications for IC; Coordinated and developed site inter and intralaboratory Quality Assurance Program; provided onsite technical support and direction for secondary chemistry and radiochemistry laboratory operations; provided onsite technical support and direction for effluent monitoring and reporting; provided Daily and Monthly written evaluations of primary and secondary chemistry parameters and results for management review cycles, developed corporate chemistry goals for the site, coordinated site approved material program, developed instrument specifications and analytical methods, directed raw water treatment program.
- April 1987 to Senior Chemist, under contract to Georgia Power Co., Waynesboro, Ga.
- December 1987 Responsibilities included: provided technical support for plant radiation monitoring system; prepared effluent permits; sample analysis and control of primary and secondary plant chemistry; operation of gamma spectroscopy system and data review; and performed troubleshooting of analytical instrumentation and procedure methods as needed.
- July 1985 Senior Shift Chemist, under contract to Carolina Power and Light Co., New Hill, N.C. to
- March 1987 Responsibilities included: supervised three chemistry technicians; liaison to utility; analyzed and maintained primary and secondary plant systems; effluent monitoring and permit approval; effluent monitor setpoint control; developed chemistry procedures; maintained laboratory QA/QC program; setup, operation and maintenance of three Dionex ion chromatographs; assisted in the development of a caustic eluant method for the determination of low level organic and inorganic anions for the ion chromatograph.
- September 1981 Senior Health Physics Technician, under contract to various utilities.
- to June 1987 Responsibilities included: directing and coordinating all work activities and health physics work assignments in all radiation controlled areas for 40 contract technicians; RWP survey review; RWP preparation; ALARA reviews; and calculating shielding requirement, record audits; directed health physics related job coverage in assigned areas; operation of counting room equipment and TLD reader; drywell maintenance; radwaste shipments and shipping packages; and performed containment power entries and surveys.
- August 1980 to Chemical Radiation Technician, Georgia Power Company, Plant Hatch Nuclear
- September 1981 Station, Baxley, Georgia. Responsibilities included: calibration of plant liquid and gaseous effluent radiation monitors; prepared effluent release permits; performed radiochemical separations; operated water and waste treatment systems; developed chemistry procedures; operation of counting room equipment and data review; performed chemistry and health physics related activities in assigned areas; performed contamination, radiation and air sample area surveys; and performed radwaste shipments.

REFERENCES: AVAILABLE UPON REQUEST.

HH000121

i) TO TECHNICAL EXPERTISE

↳ APPLIED SKILLS GROUP
- 54K R&D CHEMISTRY PERSON

SELF-STARTER
↳ MANAGEMENT

↳ SELF-ASSESSOR

② TECHNICAL SKILLS THE
- MANY
- PRACTICE CHEMISTRY
- PEOPLE

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: CASANOVA
Date: 9/22/94

Questions

Score

- | | |
|---|--------------|
| 1. Summarize your background/work experience as it relates to this position. | <u>10</u> ++ |
| 2. Describe 3 projects/programs your helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. | <u>8</u> + |
| 3. Provide your definition of corporate support, corporate oversight, and their relationship. | <u>9</u> + |
| 4. What do you see as the main role for this position? | <u>8</u> + |
| 5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? | <u>9</u> ++ |
| 6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. | <u>9</u> ++ |
| 7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)?
<i>YOU WERE, FILE OF THE PER, COUNCILS TO ANSWER, SUCCESS</i> | <u>9</u> + |
| 8. Describe at least 2 chemistry or environmental concerns of TVAN. | <u>10</u> |
| 9. Provide 3 of your strengths that you feel makes you qualified for this job. | <u>10</u> ++ |

82

05161

HH000123

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

Received:

CHANDRA

This form is to be completed only by present TVA employees when they want to apply for announced vacant position and should be sent to address given on announcement.

1. Name Chandrasekaran E. S. 2. Soc. Sec. No. [REDACTED]
Last First Middle
3. Present Job Title Program Manager 4. Schedule & Grade PG-8
5. Organization TVA Nuclear/OPS SVS Department Chemistry

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chem & Env Specialist
8. Schedule & Grade PG-8 9. Organization TVAN Department OPS SVS/Chem & Env Prot
Section _____ Work Location Chattanooga
10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halvesister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes," list name(s), relationship(s), and position(s) on page 2.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you (). Obtain copies from your organization human resource office if necessary. (If additional space is needed, use page 2.)

Please see attached resume'.

13. If announcement specified test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature Chandrasekaran Date 8-22-94

TVA Mailing Address BR 5D-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Human Resources Files, Knoxville, through your organization human resource officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

HH000124

RESUME

E. S. CHANDRASEKARAN
BR 5D-C
Phone: 751-3064

EDUCATION:

Ph.D. Chemistry
Michigan State University
M.S. Nuclear & Inorganic Chemistry
B.S. Chemistry

OBJECTIVE & SUMMARY:

A self-starting, dependable, team-oriented individual with broad technical expertise, supervisory and managerial experience, seeking a challenging position in the areas of Chemistry, and Health Physics management. Selected areas of expertise include:

- Management of Corporate Chemistry Program providing technical support, oversight, and program direction to PWR and BWR site Chemistry operations
- Radiological effluents and radiation monitoring programs
- Near term operating license (NTOL) startup PWR Chemistry program
- Operational PWR primary and secondary chemistry program
- Operational BWR chemistry and balance of plant chemistry
- Set up and oversight of chemical traffic control (CTC) program at PWR and BWR plants
- Raw water chemical treatment program for corrosion control
- Laboratory and count room set up and QA/QC program
- Hydrogen water chemistry issues at BWR
- Source term reduction and radwaste reduction program
- Environmental and radwaste management
- Chemical decontamination methods
- Corporate chemistry manual and standards development
- Software quality assurance program implementation

HH000125

EXPERIENCE:

May 1991 to Present:

TVA

Program Manager, Corporate Chemistry.

Responsibilities include technical support, oversight, and program direction on a wide range of chemistry activities for all TVA nuclear sites chemistry program. TVA nuclear sites consist of two unit operational PWR plant, three unit BWR plant (one unit operational, and two on restart status), two unit PWR plant near term operational status, and two unit PWR plant under construction. Some of the activities include long-term chemistry and radiochemistry data trending; radiological effluents; fuel performance evaluation, optimization of chemistry program improvements to meet the revised industry guidelines; radwaste minimization; source term reduction program implementation; cooling water treatment; chemical decontamination methods; hydrogen water chemistry at BWR to minimize IGSCC; multi-site cost effective partnering contract to meet site needs; emergency plan (EP) exercises dose assessment; Corporate chemistry manual and guidelines development; technical assessments; EPRI, INPO, GE, and Westinghouse industry meeting participation & guidelines development

March 1988 to May 1991

Houston Lighting & Power Co.,

Chemistry Operations & Analysis General Supervisor (11/90 to 5/91)

Chemistry Operations & Analysis Staff Chemist (3/88 to 10/90)

Responsible for two unit operational PWR units Chemistry & Radiochemistry technical support. The areas of responsibilities included primary and secondary chemistry short-term & long-term data evaluation and trending; radioactive effluent management program; radwaste management program; environmental management program; radiation monitoring system data trending and performance evaluation; chemical traffic control program management; Chemistry QA/QC program management; cooling water treatment & monitoring program; chemistry & health physics counting room management; condensate polishing improvements; chemistry program direction & oversight.

Supervised a staff of ten employees and few contractors.

June 1985 to March 1988

Manager / Technical director, Westel/Ad-Tec Inc.,

Responsible for technical and administrative management of radiochemistry and health physics services.

Supervised a staff of twelve employees and few contractors.

HH000126

September 1976 to May 1985
Eberline Analytical Services
Laboratory Manager / Director

Responsible for technical, administrative, and business management of the Eberline analytical services operation. The services provided include chemical and radiochemical analyses services to about 12 nuclear power plants in support of their radiological environmental monitoring program (REMP); 10CFR50 effluents sample analyses program; 10CFR61 radwaste sample analyses program; personnel and environmental TLD dosimetry services; radioactive calibration source manufacturing & calibrations; nuclear power plant & uranium milling radio bioassay services; radiological services for waste remediation DOE operations such as FUSRAP, UMTRAP etc., and specialized training services.

Supervised a staff of about forty employees and few contractors.

September 1975 to August 1976
University of Michigan
Lecturer

Taught chemistry for undergraduates and performed research work while completing my Ph.D thesis work.

OTHER:

Licensed by the State of New Mexico for calibration and service of X-ray machines for radiology

Have published over twenty papers in technical journals and have presented papers at symposiums and conferences

Was ranked number 1 in the University in the M.S degree program out of a class of sixty-six graduate students

HH000127

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1994 AUG 31 AM 10:31

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name Sorrelle David Walton 2. Soc.Sec.No. [redacted]
3. Present Job Title Mgr, Environmental Prot. 4. Schedule and Grade (Salary Policy Employees Only) PG-10
5. Organization TVAN Department Technical Programs

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chemistry; Env. Prot. Spl.
8. Schedule and Grade (Salary Policy Employees Only) PG-8 9. Organization TVAN
Department Operations Services Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes", list name(s), relationship(s), and position(s).

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you. Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

I am an experienced professional with more than 25 years in utility operations, manufacturing and engineering consulting. I have a double major in Chemistry and geology (B.S.). Eight years was devoted to fossil and nuclear operations at Alabama Power Co. in the startup and operation of 3 fossil and 1 nuclear unit. As manager of Facility Operations at Sony Magnetic Products for 10 years responsibilities included operation of a hazardous waste treatment facility and utility operations. My career responsibilities also included serving as Vice President of Environmental Special Projects for Vera Int'l before joining TVA in 1987 in Chemistry as Project Manager. Recent responsibilities have included serving as manager of TVAN's Environmental Protection Program and serving as regulatory point of contact for environmental permitting and compliance. My experience in Chemistry and Environmental Protection makes me uniquely qualified to fill the referenced vacancy. (over)

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date 8/30/94

TVA Mailing Address BRSD-C

A resume is attached which summarizes my career and accomplishments.

Also I am a Board approved Certified Hazardous Materials Manager and Asbestos Abatement Supervisor.

HH000131

DAVID W. SORRELLE

[REDACTED]
(615) 751-2216 (Work)
[REDACTED]

BACKGROUND SUMMARY

25 years of utility and private industry experience in environmental compliance and regulation, chemical control, implementation and long term operation management.

Knowledgeable in recycling, incineration, heat recovery and chemical management. Experienced in regulatory negotiations and utility/manufacturing systems startup.

ACCOMPLISHMENTS

- Appointed to "Advisory Committee on Hazardous Material and Resource Recovery (HAMMAR)" in 1986 by University of Alabama President, Dr. Joab Thomas.
- Appointed to "Advisory Committee on the Environment" by Alabama Governor Guy Hunt in 1987.
- Obtained Certified Hazardous Materials Manager (CHMM) certification in 1990 (CHMM # 2547).
- Obtained EPA Asbestos Abatement Supervisor certification in 1991 (AHERA 91-127-10).

WORK EXPERIENCE

TENNESSEE VALLEY AUTHORITY

Manager, Environmental Protection

August 1989 - present

Manage Corporate Environmental Protection staff for TVA Nuclear.

Responsibilities include directive, policy and procedure development/maintenance, permit negotiations for 4 nuclear power sites, site self-assessments, environmental review of modifications and construction and technical support. In addition manage a \$6,200,000 aquatic and environmental budget which supports 7 facilities and a \$800,000 department operating budget.

Project Manager, Environmental Protection

March 1988 - July 1989

Coordinated nuclear power chemical management program, site/facility regulatory and licensing requirements in Emergency Planning and Community Right to Know, air and water permitting. Had direct responsibility for renewal of Browns Ferry Nuclear Plant NPDES permit.

Project Manager, Chemistry

November 1987 - March 1988

Supervised coordination of make-up water demineralizer and condensate polisher upgrades, training of personnel, procedure development and start-up assistance of Sequoyah Unit #2.

HH000132

VARA INTERNATIONAL, INC.

Vice President, Environmental Engineering July 1987 - November 1987
Managed activities relating to the design, construction and start-up of pollution abatement systems associated with volatile organic carbon vapor recovery and distillation. In addition responsible for design of hazardous waste processing and recycling utilizing thin film evaporators. Activities also included hazardous waste, air and water permitting.

SONY MAGNETIC PRODUCTS, INC.

Division Manager, Facility Engineering December 1976 - June 1987
Managed start-up and operation of \$20,000,000 solvent recovery and utility complex. Managed staff of 109 with responsibilities in engineering, maintenance, construction, drafting, building/grounds, and utilities. Management responsibilities included operation of an 8 column distillation unit, 9 carbon adsorbers, two thin film evaporators and 2 incinerators (one at 12 ton per day burning solid waste and one permitted to burn hazardous waste, both with energy recovery). Responsibilities also included the operation of four (4) gas fired boilers, five (5) 750 ton Trane air conditioning chillers and three (3) 1250 CFM compressors. In addition responsibilities included the management of a \$1,000,000 per month department budget.

ALABAMA POWER COMPANY

Supervisor, Chemistry and Radiochemistry February 1972 - December 1987
Managed chemistry and radiochemistry at Farley Nuclear Plant in Dothan, Alabama. Responsibilities included staff selection, laboratory equipment and supplies procurement, procedure development, and other related activities supporting the start-up of Farley Unit 1. Supervised the start-up and operation of a 500 gpm demineralized water treatment facility and turbine/reactor on-line instrumentation.

Chemist, Chemistry and Controls September 1969 - January 1972
Barry Steam Plant, Mobile Alabama - 1969 - 1971
Gorgas Steam Plant, Jasper, Alabama - 1971 - 1972
Provided laboratory support during construction and start-up of Barry Units 4 & 5 (400 and 750 megawatts respectively) and Gorgas Unit 10 (750 megawatts). Activities included start-up and operation of 2 demineralized water treatment facilities and 3 polishing condensate demineralizers. In addition supervised the start-up of two (2) on-line instrumentation panels, training of staff personnel and procedure development.

EDUCATION

B. S., Chemistry and Zoology (Double Major), University of North Alabama, 1969

HH000133

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Al Dixon

Date: 9/28/94

WAM

Questions

(1-10)
Score

- 1. Summarize your background/work experience as it relates to this position. 8 22 years
- 2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. 7
- 3. Provide your definition of corporate support, corporate oversight, and their relationship. 5 Help solve problems, etc.
- 4. What do you see as the main role for this position? 5 II, etc.
- 5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? 7 32 Guidance and leadership / situation
versatile person / broad understanding
- 6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. 7 Chem. Eng + Chem Background
- 7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? 6 "persuade" yr
- 8. Describe at least 2 chemistry or environmental concerns of TVAN. 4-5 1) Justification of projects
2) Chemistry not perceived as important / corrosion
- 9. Provide 3 of your strengths that you feel makes you qualified for this job. 5
55
1) Broad knowledge of reg. requirements
2) Systems / Design + operation
3) Corrosion Technology
leak vessels

05161

Strengths

- 1. Appearance at TVA (2 yrs) / Audencia
- 2. Will tell bad news/values High std's?
- 3. People person
- 4. Chemistry / Env. experience
- 1. Little out of touch
- 2. No operating experience

HH000134

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

SEP - 1 1994

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name Dyson Alfred Middle 2. Soc. Sec. No. [Redacted]
3. Present Job Title Technical Services Supt. 4. Schedule & Grade PG-9
5. Organization F&H Pr Operations Department Allen Fossil Plant - Memphis

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chemistry & Environ Prot Spec
Schedule and Grade PG-8* 9. Organization Nuclear Power Department Operations Services
Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes," list names(s), relationship(s), and position(s).

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you [] Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

Education: M.S. Engineering Management
M.S. Chemical Engineering
B.S. Chemical Engineering
B.S. Mathematics (Minor: Chemistry)

Experience & Training: Over 16 yrs TVA Experience
(See Attached Resumes for Details)

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature Alfred Dyson Date 8/26/94
TVA Mailing Address FOS IA - ALF Phone: (901) 789-8478

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Microrecords Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

ALFRED DYSON

CHEMICAL ENGINEER with over TWENTY (20) years of CHEMICAL ENGINEERING/CHEMISTRY EXPERIENCE in engineering and management positions. Includes more than 10 years of experience in process evaluation, process development and design engineering of various power plant systems and industrial chemical processes. More than 2 years of instructing and preparing training programs for Nuclear Power Plant Radiochemical Laboratory Analysts and Chemical Engineers/Chemists. Three years as a Quality Assurance Evaluator of NUCLEAR POWER PLANT Chemistry, Environmental Compliance, and Radioactive Waste Management programs. Also, 4 years experience as an ANALYTICAL CHEMIST at an oil refinery. Experienced in the use of commercial process design simulators and very proficient in FORTRAN, BASIC, and LOTUS 1-2-3 programming languages for use on mainframe, mini and personal computer (PC) workstations.

EDUCATION

M.S. Engineering Management - University of Tennessee (Chattanooga, Tn.), 1992
M.S. Engineering (Option: Chemical) - University of Tennessee (Chattanooga, Tn.), 1982
B.S. Chemical Engineering - Christian Brothers College (Memphis, Tn.), 1978
B.S. Mathematics (Minor: Chemistry) - Kentucky State University (Frankfort, Ky.), 1973

WORK EXPERIENCE

February 1993
to
Present

Tennessee Valley Authority (TVA), Technical Services Superintendent, Fossil & Hydro Power Division, Allen Fossil Plant - As Manager of the Technical Services Department, manages the engineering activities and chemistry laboratory operations of a major fossil generating plant to the objectives mandated by the plant manager. The objectives include safety accountability; resource management; projected generation; heat rate, availability, reliability improvements; budget adherence, environmental compliance, plant support system development and improved employee relations.

December 1990
to
February 1993

TVA, Engineering Specialist (Chemical), Nuclear Engineering, WBN Plant & Chattanooga Corporate Engineering Office - As a management specialist and consultant, directed administrative and technical chemical engineering functions pertaining to environmental compliance, chemical processes for water treatment, radwaste management, and materials compatibility. Responsible for preparation and/or review of engineering design criteria, studies, system modifications (DCNs), and procedures; and resolution of plant operating problems affecting the design requirements of these chemical-related areas.

January 1988
to
December 1990

Tennessee Valley Authority (TVA), Quality Assurance Evaluator, Division of Nuclear Quality Assurance, Sequoyah Nuclear Plant - Planned and performed real time surveillance observations and audits of nuclear plant site work activities in the program areas of chemistry & chemical operations; environmental compliance and radiological effluent/radwaste management. Reviewed related documentation (e.g., Technical Instructions) to verify that the observed activity or program conforms to specified requirements. Then evaluated the adequacy and effectiveness of the activity; and report conditions adverse to quality and safety to management. Also performed reviews of revisions and preparations of radwaste, environmental, and chemical-related procedures to ensure compliance with NRC, EPA, & TVA policies (i.e., 10CFR, NPDES, FSAR, Technical Specifications, etc.) and made recommendations to management for improvements.

August 1985
to
January 1988

Tennessee Valley Authority (TVA), Chemical Engineer (Instructor), Division of Nuclear Training - Prepared and/or presented technical lesson plans which describe and analyze key design, operational, and chemistry-related parameters of nuclear power plant systems. Technical topics included water treatment systems, radwaste processing, corrosion, radiochemistry, on-line chemical process instrumentation, analytical laboratory methods & instrumentation theory, ion exchange theory, primary and secondary systems chemistries for unit operations.

January 1985
to
August 1985

TVA, Chemical Engineer, Conservation and Energy Management -Developed energy conservation engineering test procedures, designed the test apparatus, prepared purchase requisitions, and directed the work of lower grade engineers and craftsmen in the construction of the test apparatus. Collected test parameters using an IBM PC/XT and data logger; and wrote BASIC computer programs that converted the raw test data into graphical display of engineering variables.

September 1980
to
January 1985

TVA, Chemical Engineer, Office of Coal Gasification - Performed system technical assessments and preliminary economic assessments of various coal gasification technologies for TVA management's process selection for the North Alabama Coal Gasification Project at Murphy Hill, Alabama. During detailed design phase reviewed and evaluated P&IDs submitted by outside contractors for technical adequacy, accuracy, and workability; recommended changes when necessary. Acquired and installed the ASPEN simulator on the TVA IBM mainframe computer. Then developed and maintained FORTRAN computer programs that performed complex process design heat & material balance calculations of integrated plant systems. Using computer simulation techniques, performed process analysis of various operating alternatives to increase the efficiency of the plant design and provide a better perspective of plant performance. Also trained engineering aides and assisted engineering peers with the development of plant systems steady state mathematical models. Also prepared technical assessments for Environmental Impact Statement (EIS) preparation. When the project ended, worked (on loan) at Browns Ferry Nuclear Plant. Performed systems walkdowns of HPCI and RCIC systems to verify as-constructed mechanical flow diagrams. As a team member, assisted in the preparation of ECNs, FCRs, and DCRs for maintenance work packages.

September 1978
to
September 1980

TVA, Chemical Engineer, Energy Demonstrations & Technology (ED&T) - Assisted Senior Research and Development engineers with economic, thermodynamic, and feasibility studies of various synfuel processes (e.g., coal liquefaction and gasification, biomass, fuel cells, cogeneration, etc.). Also included was the projection of data from pilot plant or bench scale to determine attributes and facilities of full-scale industrial plants. Kept abreast of novel energy processes and concepts by reading research journals and reports (e.g., DOE, EPRI, ORNL, etc.).

HH000136

August 1977
to
August 1978

Attended Christian Brothers College and studied chemical engineering as a full-time student.

July 1973
to
August 1977

Delta Oil Refining Company, Memphis, Tennessee; Chemist. Performed all aspects of final analytical testing (ASTM) on intermediate and finished products (e.g. gasolines, crudes oils, distillates, asphalts, process and waste waters, etc.). Worked full-time as the evening shift chemist and studied chemical engineering (part-time) during the day.

October 1972
to
April 1973

Commonwealth of Kentucky, State Highway Dept., Frankfort, Ky.; Civil Engineering Aide (part-time). Assisted state civil engineers study, plan, and implement construction of interstate highways (e.g., I-64) and state routes throughout Kentucky, with field trips included.

COLLEGE
SUMMER
WORK

Maintenance Department, Christian Brothers College, Memphis, Tennessee (1978)
Substitute Teacher, Memphis City Schools, Memphis, Tennessee (1971)
Tutor/Counselor, Project Upward Bound, Kentucky State University, Frankfort, Ky. (1968)

TECHNICAL
TRAINING

TVA sponsored computer courses in IBM, TSO, SAS, VSFORTRAN & PRIDE Methodology.
Process Modeling and Computer (Dynamic) Simulation", University of Colorado (Boulder, Colorado)
Introductory Training Course for ASPEN PLUS", ASPEN Technology, Inc., (Cambridge, Massachusetts)
Advanced ASPEN Training", JSD, Inc., (Denver, Colorado)
PWR Systems Training for Engineers", Office of Nuclear Power (TVA)
BWR Systems Training for Engineers", Office of Nuclear Power (TVA)
Instructor Certification Program", Division of Nuclear Training (TVA)
Codes, Standards, and Regulatory Requirements", Division of Nuclear Training (TVA)
BWR Chemistry for STA", General Electric Corporation, (San Jose, California)
Radiochemistry Principles and Applications", General Physics Corporation, (Columbia, Maryland)
PWR Chemistry/Radiochemistry Data Evaluation and Interpretation", NUS Corporation, Pittsburgh, Pa.)
Laboratory Safety", TVA Technical Support Branch, (Muscle Shoals, AL.)
Power Plant Fundamentals For Utility Engineers", GPS Technologies (Columbia, MD)
Environmental Regulation Course", Executive Enterprises (Little Rock, Arkansas)

MANAGEMENT
TRAINING

Project Management", Georgia State University, (Atlanta, Georgia)
Supervisor Development Course", Management Training, Nuclear Personnel Division (TVA)
Performance Monitoring and Feedback", Management Training, Nuclear Personnel Division (TVA)
Managing Upward", Management Training, Nuclear Personnel Division (TVA)
Management Concepts and Practices", Management Training, Nuclear Personnel Division (TVA)
Supervisory Safety Training", Management Training, Nuclear Personnel Division (TVA)
Problem Solving & Decision Analysis (Kepnor Tregore)", Management Training (TVA)
The Management Course - Unit I: The Art Of Management", AMA (Hilton Head, SC)

PROFESSIONAL
ACTIVITIES

Member of AICHE (Chairman of Local Chattanooga Chapter), Chattanooga Engineers Club, NTA, NOBCCChE

LICENSE

EIT (Tennessee)

PUBLICATION

COMPUTER SIMULATION OF A CLAUS SULFUR RECOVERY PROCESS

PERSONAL

[REDACTED], Married ; Height 5 ft. 11 in.; Weight 180 lbs.

REFERENCES

Furnished upon request

HH000137

AROLL PSYCHOCHEMISTRY

+ CONFIDENCE
SUPPORTIVE!
+ WORKED BOTH SIDES
OF THE FENCE

- ② ① E SUPPORT OF WEN
- ② ② OVER CHER PERIE SUPPORT

} GOOD BK PICTURE / SOCI AREA
GOOD YR PERSPECTIVE & GOOD GENEALOGY!

③ GOOD BK PICTURE RESPONSE

→ SENSE FIELD
- KNOWLEDGE / NEEDS
- GOOD FIELD ANALYTICS
TELL

④ BOTH POSITIONS @ SEN

⑤ - BOTH SIDES OF FENCE
- RECOGNIZE IMPROVEMENT OR
CARE SUPPORT

(-)?
OVERCONFIDENT

- ALLOW FOR OTHER OPINION
- LISTENING SKILLS

HH000138

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: GARY FISHER

Date: 9/22/94

Questions

Score

1. Summarize your background/work experience as it relates to this position.
2. Describe 3 projects/programs your helped to initiate, develop, and complete in the Chemistry and/or Environmental areas.
3. Provide your definition of corporate support, corporate oversight, and their relationship.
4. What do you see as the main role for this position?
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both?
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. *USEFUL OF OVERSIGHT TOWARDS*
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)?
8. Describe at least 2 chemistry or environmental concerns of TVAN.
9. Provide 3 of your strengths that you feel makes you qualified for this job.

8 ++

10 +++

9 ++

8 ++

9 ++

9 +++

9 ++

9 ++

10 +++

8

05161

HH000139

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1994 AUG 31

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name Fiser Gary L. 2. Soc.Sec.No. [REDACTED]
Last First Middle

3. Present Job Title Chemistry Program Mgr. 4. Schedule and Grade (Salary Policy Employees Only) PS-8

5. Organization Chemistry Department _____

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title # 6621, Chem + Env Pot Specialist

8. Schedule and Grade (Salary Policy Employees Only) PS-8 9. Organization Chemistry + E.P.

Department Chemistry + E.P. Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes", list name(s), relationship(s), and position(s):

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you. Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

See attached Resumé.

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date 8-31-94

TVA Mailing Address BR51

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Records Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

GARY LYNN FISER

[REDACTED] (Residence)

[REDACTED] (615) 751-4955 (Work)

OBJECTIVE: To use my 21 years of experience and training in the field of chemistry and radiochemistry to help others achieve a new standard of excellence.

EDUCATION:

- July 1972-1973 University of Arkansas, Fayetteville, Arkansas
30 hours graduate level in Microbiology
- June 1972 Quachita University, Arkadelphia, Arkansas
B.S. Major: Chemistry; Minor: Biology
- June 1967 Sheridan High School, Sheridan, Arkansas
- May 1981 Louisiana State University, Baton Rouge, Louisiana
Fundamentals of Supervision Course

WORK EXPERIENCE:

TENNESSEE VALLEY AUTHORITY 1987 - 1993
Chattanooga, Tennessee

Chemistry and Environmental Superintendent, Sequoyah, April 1988 - April 1993

Responsible for forty-eight chemistry, radiochemistry, and environmental personnel. Major responsibilities included primary system chemistry and radiochemistry, secondary chemistry and feedwater chemistry control. Ensuring that radioactive effluents were within NRC and plant limits. Steam generator, condenser, condensate demineralizer, water treatment plant performance monitoring. Development of annual operating budget for the department (approximately \$4,000,000). Laboratory quality control and retraining. Ensuring that releases from the site were in compliance with the Tennessee Department of Health and Environment requirements, and the NPDES permit for Sequoyah. Also, participated in the recovery efforts leading to the successful restart of Sequoyah units one and two following an extended shutdown due to NRC safety concerns.

Chemistry Program Manager, September 1987 - April 1988

Responsible for managing the activities of Nuclear Power Chemistry Organization. Major responsibilities included providing direction and assistance to ensure consistency between site chemistry programs. Directing the development and maintenance of the Chemistry Directive and recommending changes to same. Concurrence with procedures, procedure changes, and site budgetary plans. Evaluations of the Chemistry Program, training, documentation, trends, and equipment. Directing the development of training and qualification criteria.

ARKANSAS POWER AND LIGHT 1973 - 1987
Russellville, Arkansas

Nuclear Quality Specialist, September 1986 - September 1987

Responsible for observations, surveillances, and audits for all areas of the plant, including Chemistry, Radiochemistry, Security, Corporate, Training, Design Control, and Operations.

ARKANSAS POWER AND LIGHT (Continued)

Radiochemistry Supervisor, June 1979 - August 1986

Responsible for safety and training of 17 radiochemists and three supervisors. Major responsibilities included all chemistry and radiochemistry on primary systems for both B & W and C.E. units. Radioactive effluents (gaseous and liquid), ensuring that the effluents were within the U. S. NRC Technical Specifications and plant guidelines, documentation and reporting of same. Post Accident Sampling System design, construction, training, and performance checks. Gaseous Effluent Monitoring System, both normal and extended range for accident conditions. Plant Safety Committee Member. Dose Assessment Team Leader for the Emergency Response Organization.

Radiochemist, February 1974 - June 1979

Assisted in the initial setup of both the wet chemistry and radiochemistry laboratories and the radiochemistry counting room. This included initial instrument check-out, debugging, calibration, standardization, writing procedures and computer program, and setting up control/trend charts. Also, assisted in the start-up effort for C.E. PWR (Unit 2) with U-tube steam generators. Responsibilities included sampling and analysis of primary side systems and components, analyzing, trending, and reporting/documenting analytical results.

Chemist/Health Physics, August 1973 - January 1974

Responsible for obtaining primary and secondary samples in support of the start-up effort for B&W PWR (Unit 1) with OTSG's. Also, rotated into the Health Physics department for various assignments such as contamination surveys, alpha beta analysis using gas flow proportional counting equipment, gamma spectroscopy (Ge(Li) and NA(I), shielding surveys, and filing records.

JITCHITA UNIVERSITY
Arkadelphia, Arkansas

1970 - 1972

Research Assistant

Assisted Dr. Joe Nix by performing chemical analysis on the Caddo River/De Gray Reservoir. Responsible for obtaining samples, preparation of samples for chemical analysis, and performing analytical tests using gas chromatography, atomic absorption spectrophotometer, IR absorbance equipment, and selective ion electrodes.

OTHER TRAINING

- Kepner Tregoe Training in Problem Solving a Decision Analysis
- B&W Radiochemistry Course, Lynchburg Research Center
- Cardiopulmonary Resuscitation Training, Instructors Course
- Supervisory Transition Course
- Time Management
- Fundamentals of Maintenance Management
- Supervisory Practices Seminar
- Middle South Services Auditor Training Course
- Numerous computer training courses

PUBLICATIONS/PRESENTATIONS

- "Radiochemistry Quality Control - How Do You Know Your Numbers are Right?", presented at the 1984 INPO Chemistry Managers Workshop.
- "Environmental Radiological Analysis of Fish as an Indicator of Liquid Release Pathway-Model Validation," presented at the Eighteenth Midyear Topical Symposium of the Health Physics Society in January, 1985.

HH000142

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Joe Pleva

WCM

Date: 9/29/94

(1-10)
Score

Questions

- 6R [1. Summarize your background/work experience as it relates to this position. 8
25 years of history. was a lead Chem. person
- [2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. 7
SUS - operated mercury and lead pollution
- SS [3. Provide your definition of corporate support, corporate oversight, and their relationship. 6
Expertise to plants. short term
- [4. What do you see as the main role for this position? 5
- WCM [5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? 5
Not familiar with Environmental but would be willing to learn.
- [6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. 7 38
Take ownership of any tasks - 100%
- 6 [7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? 6 44
Work with peer and develop list of + and -'s - get buy-in
- 6 [8. Describe at least 2 chemistry or environmental concerns of TVAN. 8 52
IGSCC BFW, Make-up water
- [9. Provide 3 of your strengths that you feel makes you qualified for this job. 8 60

- 1) Historical significance
- 2) Technical - Gift for creative thinking / participatory approach.
- 3) Organized / need a plan

05161

Help where I can!

HH000143

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1994 AUG 17 11 10 41

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name PLEVA JOSEPH M 2. Soc. Sec. No. [REDACTED]
 Last First Middle
 3. Present Job Title NUCLEAR SAFETY REVIEW BOARD ADMINISTRATOR 4. Schedule & Grade PG-9
 5. Division NUCLEAR ASSURANCE AND LICENSING Branch INDEPENDENT REVIEWS AND ANALYSIS

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title CHEM & ENVIRON PROT SPECIALIST
 Schedule and Grade PG-8 8. Division OPERATIONS SERVICES Branch _____
 Section CHEM & ENVIRON PROTECTION Work Location CHATTANOOGA
 10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half-brother or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on reverse side.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3051). Check here if you want them returned to you . Obtain copies from your division personnel office if necessary. (If additional space is needed, use reverse side)

SEE ATTACHED RESUME

13. If announcement specifies test requirements, have you qualified on the required test(s)? _____

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date August 15 1994
 TVA Mailing Address BR 4J-C HH000144

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Files, Knoxville, through your division personnel officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

Joseph M. Pleva

615-751-2712 Office

Education

B.S. Chemical Engineering, University of Tennessee, Knoxville, Tennessee - 1971
Registered Professional Engineer in Tennessee - 1977, license No. 11,731
Westinghouse PWR Chemistry Course
ASME Course - Radioactive Waste Management
BWR and PWR Systems Training
Dale Carnegie Public Speaking Course
Various Technical and Management Training classes
Member of ASME Code on Nuclear Air and Gas Treatment - ASME/ANSI AG-1 - 1988

Experience

TENNESSEE VALLEY AUTHORITY

September 1991
Present

NSRB Administrator for Sequoyah Nuclear Plant and Principle Nuclear Reviewer. Duties were similar to the Watts Bar position. Other duties included: Providing NSRB required oversight for all Technical Specification changes and chairing the safety assessment and safety evaluation subcommittee which oversees the SQN 50.59 program. Assisted in special reviews requested by senior management.

January, 1991 -
September 1991

Nuclear Safety Review Board Administrator for Watts Bar Nuclear Plant. Implemented the off site Nuclear Safety Review Program as required by site technical specifications. This included performing independent safety reviews, arranging meetings, coordinating subcommittee reviews, training members and advisors and preparing required reports for Senior Management and the TVA Board of Directors. Maintained regular contact with various senior TVA nuclear management on NRSB activities.

November 1986 -
January 1991

Assistant Manager for Employee Concern Program (ECP) Chattanooga, Tennessee. Prepared major revisions to ECP operating procedure based on first year's operating experience. Assigned as special investigator for complex employee concerns at various plant sites. Provided overall coordination and leadership in organizing and conducting the ECP conference in which 40 nuclear sites were represented.

June 1986 -
October 1986

Assistant Manager for ECP at the Browns Ferry Nuclear Plant, Athens, Alabama. Received, investigated, evaluated, reported on and responded to employee concerns in various technical (civil, electrical, mechanical, etc.) and personnel matters. This included recommending solutions to senior managers for corrective action.

August 1985 -
June 1986

Senior Project Engineer, Browns Ferry Nuclear Plant, Athens, Alabama. Responsible for upgrading all plant engineering procedures (nuclear, mechanical, chemical, etc.). Assigned as Project Manager on the installation of a Wide Range Gaseous Effluent Monitoring System which was needed to meet NU REG 0737 requirements. In addition, supervised three experienced Project Engineers.

February 1984 -
August 1985

Project Engineer, Browns Ferry Nuclear Plant, Athens, Alabama. Functioned as an internal consultant to the plant to ensure that all regulatory deficiencies (NRC, INPO, etc.) were identified. A Chemistry Improvement Plan with 149 action plans was developed and implemented onsite. This included working with the plant chemical unit supervisor in areas of chemistry, radiochemistry, radiation monitoring, water treatment systems, process instrumentation, and other related areas.

HH000145

Resume
Joseph M. Pleva

- January 1980 -
February 1984
Chemical Engineering Supervisor, Chattanooga, Tennessee. Responsible for all corporate chemical engineering support for the nuclear power program. This involved engineering support for the nuclear power program. This involved coordination of major chemical engineering programs, development of chemical engineering standards based on various industry and regulatory requirements, and the analysis of plant chemical processing system performance so that maximum safety, economy, efficiency, and availability of generating units was achieved. Worked as utility representative in the development of EPRI BWR Water Chemistry Guidelines.
- October 1977 -
December 1979
Senior Chemical Engineer, Chattanooga, Tennessee. Functioned as principal consulting engineer for operation of radwaste water processing equipment for all TVA nuclear plants. Other system engineering responsibilities were: sodium hypochlorite, condensate demineralizers, water clarification and makeup demineralization, and offgas system. Successfully completed a 1-week course on both BWR and PWR operation which included simulator and plant system training. Represented TVA on an ASME subcommittee on testing on offgas systems.
- March 1974 -
September 1977
Chemical Engineer, Sequoyah Nuclear Plant, Soddy-Daisy, Tennessee. Served as lead engineer on startup and subsequent operation of water treatment systems and auxiliary boilers. Prepared plant instructions for liquid and gaseous radwaste releases, radiation monitoring systems, ventilation equipment, radiochemical laboratory instrumentation, and plant water chemistry specifications. Taught classes in plant systems and water chemistry to operations and engineering personnel.
- December 1972 -
February 1974
Chemical Engineer, Chattanooga, Tennessee. Served as consultant to fossil plants on minimizing corrosion problems and supervised startup of new water treatment plants and demineralizer systems.
- August 1971 -
September 1972
Chemical Engineer, Cumberland Steam Plant, Cumberland City, Tennessee. Solved various problems encountered during plant startup. These areas included chemical cleaning, makeup water treatment system, condensate demineralizers, sewage plant, process instrumentation, and analytical chemistry methods.
- Summer 1970 -
Summer 1967
Chemical Engineering Aide, Shawnee Steam Plant. Assisted senior chemical engineer on evaluation of flue gas scrubbing process by injecting limestone directly into the boiler. Chemical Engineering Aide, Chattanooga, Tennessee. Performed various laboratory analyses and air quality tests at research laboratory to determine the optimum method of scrubbing sulfur and nitrous oxides from fossil plant flue gas. Mechanical Engineering Aide, Chattanooga, Tennessee. Performed precipitator and condenser efficiency tests at various fossil fueled plants. Evaluated data to determine whether equipment operated as guaranteed by vendor. Ironworker, Nickajack Dam. Worked as ironworker in fabrication shop.

0589b

HH000146

Ron-

Latest schedule. All
the books here have been
changed. These are for the
ones you took to SON.

HH000147 Debby
9/21

----- NOTICE -----

This document contains EEO/AA-related information protected by Federal Regulations. Sanctions for violation of these provisions may include administrative discipline including termination and criminal prosecution. Refer to the instructions on privacy and employee record in Personnel Manual section 6.

HH000148

PERSONAL INFORMATION

POSITION: VPA: 6621 NO.: 1 CLOSE DATE: 08/31/1994

JOB CODE: 2186 MGR

SAL ADM/GR: PG 08 DEPTID: C61100000 OPS SUPP

NAME	SSN	SEX	ETHNIC GROUP	DISABILITY	TENURE	FULL/PT/ INTERMED	EMP RPTG	PRESENT POSITION	SAL ADM /GRADE
EIFORD-LEE, BETSY MARIE	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 07
HODGE, CHARLES A	[REDACTED]				Permanent	Full-Time	SPA	CHEM ENGR	M 09
CROWE, STEVEN K	[REDACTED]				Permanent	Full-Time	SPA	MGR	M 10
HARVEY III, SAM L	[REDACTED]				Pre-perm	Full-Time	SPA	PROGRAM MGR	M 08
PLEVA, JOSEPH M	[REDACTED]				Permanent	Full-Time	SPA	SPECIALIST	M 09
VORA, NAYAN M	[REDACTED]				Permanent	Full-Time	SPA	PROJECT MANAGER	M 09
SKIBA, WALTER F	[REDACTED]				Pre-perm	Full-Time	SPA	MGR	M 10
CHANDRASEKARAN, E S	[REDACTED]				Pre-perm	Full-Time	SPA	PROGRAM MGR	M 08
MANTOOTH, JIMMY G	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 07
DYSON, ALFRED	[REDACTED]				Permanent	Full-Time	SPA	TECH SERVICES SUPT	M 09
MULLENIX JR, JAMES B	[REDACTED]				Permanent	Full-Time	SPA	QUAL ASSURANCE EVAL	M 05
PROFFITT JR, JAMES W	[REDACTED]				Permanent	Full-Time	SPA	NCLR ENGR	SC 04
VANDERSLICE, JOE O	[REDACTED]				Permanent	Full-Time	SPA	PROJ CONTROL SPEC	SD 04
SORRELLE, DAVID W	[REDACTED]				Permanent	Full-Time	SPA	MGR	M 10
HUIE JR, HUBERT H	[REDACTED]				Permanent	Full-Time	SPA	SHIFT SUPERVISOR	M 05

PERSONAL INFORMATION

POSITION: VPA: 6621 NO.: 1 CLOSE DATE: 08/31/1994

JOB CODE: 2186 MGR

SAL ADM/GR: PG 08 DEPTID: C611000000 OPS SUPP

NAME	SSN	SEX	ETHNIC GROUP	DISABILITY	TENURE	FULL/PT/INTERMED	EMP RPTG	PRESENT POSITION	SAL ADM /GRADE
HAMMONS JR, PERCY J	[REDACTED]				Permanent	Full-Time	SPA	NCLR ENGR	SC 04
FISER, GARY L	[REDACTED]				Permanent	Full-Time	SPA	MGR	M 08
FORSYTHE, THOMAS D	[REDACTED]				Permanent	Full-Time	SPA	SPECIALIST	M 06
WILLIAMSON, BRIAN H	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 06

EDUCATION INFORMATION

POSITION: VPA: 6621 NO.: 1 CLOSE DATE: 08/31/1994

JOBCODE: 2186 MGR

SAL ADM/GR: PG 08 DEPTID: C611000000 OPS SUPP

NAME	SSN	HIGHEST GRD	DEGREE	MAJOR	SCHOOL	GRAD?	YEAR
EIFORD-LEE,BETSY MARIE	[REDACTED]	Master's	BS/BA	PHYSICS	SWSTRN AT MEMPHIS	Y	01/01/1982
EIFORD-LEE,BETSY MARIE	[REDACTED]	Master's	MS/MA	NUC EN	GA I OF TE	Y	01/01/1983
HODGE,CHARLES A	[REDACTED]	Doctorate	BS/BA	CHEM EN	MD U OF	Y	01/01/1964
HODGE,CHARLES A	[REDACTED]	Doctorate	PhD	CHEM EN	IA ST U OF SC & TE	Y	01/01/1969
CROWE,STEVEN K	[REDACTED]	Bachelor's	BS/BA	OPRS MGT	US NAVAL ACADEMY	Y	01/01/1977
HARVEY III,SAM L	[REDACTED]	Bachelor's	BS/BA	BIOLOGY	VALDOSTA ST C	Y	01/01/1980
PLEVA,JOSEPH M	[REDACTED]	Bachelor's	BS/BA	CHEM EN	TN U OF(NASH KNOX)	Y	01/01/1971
VORA,NAYAN M	[REDACTED]	Master's	BS/BA	ME EN	MS UNIVER INDIA	Y	01/01/1971
VORA,NAYAN M	[REDACTED]	Master's	MS/MA	CIVIL EN	CALIFORNIA STATE	Y	01/01/1974
SKIBA,WALTER F	[REDACTED]	Bachelor's	AA/AS/AE	CHEMISTRY	ALPENA C C	Y	01/01/1965
SKIBA,WALTER F	[REDACTED]	Bachelor's	BS/BA	CHEM EN	MI TE U	Y	01/01/1968
CHANDRASEKARAN,E S	[REDACTED]	Doctorate	BS/BA	CHEMISTRY	BOMBAY UNIV	Y	01/01/1964
CHANDRASEKARAN,E S	[REDACTED]	Doctorate	MS/MA	CHEMISTRY	BOMBAY UNIV	Y	01/01/1966
CHANDRASEKARAN,E S	[REDACTED]	Doctorate	PhD	CHEMISTRY	MI ST U	Y	01/01/1975
MANTOOTH,JIMMY G	[REDACTED]	Bachelor's	AA/AS/AE	MATHMATS	CLEVE ST TCH C C	Y	01/01/1969
MANTOOTH,JIMMY G	[REDACTED]	Bachelor's	BS/BA	CIVIL EN	TN TE U	Y	01/01/1972
DYSON,ALFRED	[REDACTED]	Master's	BS/BA	MATHMATS	KY ST C	Y	01/01/1973
DYSON,ALFRED	[REDACTED]	Master's	MS/MA	CHEM EN	CHATT U OF TN AT	Y	01/01/1982
MULLENIX JR,JAMES B	[REDACTED]	Bachelor's	BS/BA	CHEMISTRY	CHATT U OF TN AT	Y	01/01/1978
PROFFITT JR,JAMES W	[REDACTED]	Bachelor's	AA/AS/AE	EN	CLEVELAND ST COM C	Y	01/01/1976
PROFFITT JR,JAMES W	[REDACTED]	Bachelor's	BS/BA	CHEM EN	TN U OF(NASH KNOX)	Y	01/01/1980
VANDERSLICE,JOE O	[REDACTED]	2-Yr Coll	AA/AS/AE	SCIENCE	NORTHEAST JR COL	Y	01/01/1989
SORRELLE,DAVID W	[REDACTED]	Bachelor's	BS/BA	CHEMISTRY	NO AL U OF	Y	01/01/1969
HUIE JR,HUBERT H	[REDACTED]	Some Coll.					
HAMMONS JR,PERCY J	[REDACTED]	Bachelor's	BS/BA	CHEMISTRY	AR AG & ME C	Y	01/01/1959
FISER,GARY L	[REDACTED]	Bachelor's	BS/BA	CHEMISTRY	OUACHITA UNIV	Y	01/01/1972
FORSYTHE,THOMAS D	[REDACTED]	Doctorate	BS/BA	BIOLOGY	ST CLOUD ST COL	Y	01/01/1972

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EDUCATION INFORMATION

POSITION: VPA: 6621 NO.: 1 CLOSE DATE: 08/31/1994

JOBCODE: 2186 MGR

SAL ADM/GR: PG 08 DEPTID: C611000000 OPS SUPP

NAME
FORSYTHE, THOMAS D

SSN [REDACTED] HIGHEST GRD
[REDACTED] Doctorate

DEGREE
PhD

MAJOR
W&F SC

SCHOOL
MI ST U

GRAD? YEAR
Y 01/01/1978

WILLIAMSON, BRIAN H

[REDACTED] Some Coll.

4.1

LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 6621 NO.: 1 CLOSE DATE: 08/31/1994

JOB CODE: 2186 MGR

SAL ADM/GR: PG 08 DEPTID: C611000000 OPS SUPP

NAME	SSN	LICENSE/CERTIFICATE	DATE ISSUED	STATE
PLEVA, JOSEPH M	[REDACTED]	CHEMICAL ENGINEERING	01/01/1977	
VORA, NAYAN M VORA, NAYAN M	[REDACTED]	PROFESSIONAL ENGINEER LICENS PROFESSIONAL ENGINEER LICENS	01/01/1989	TX
DYSON, ALFRED	[REDACTED]	ENGINEER IN TRAINING	01/01/1983	
VANDERSLICE, JOE O	[REDACTED]	STUDENT GEN PLT OPERATOR PGM	01/01/1973	

JOB HISTORY INFORMATION

POSITION: VPA: 6621 NO.: 1 CLOSE DATE: 08/31/1994

JOB CODE: 2186 MGR SAL ADM/GR: PG 08 DEPTID: C611000000 OPS SUPP

NAME	SSN	PRESENT OPER/DIV/DEPT	PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT
EIFORD-LEE, BETSY MARIE	[REDACTED]		HLTH PHYSICIST	SC 04	1987-05-11
EIFORD-LEE, BETSY MARIE	[REDACTED]		ANALYTICAL CHEMIST	SC 04	1989-05-18
EIFORD-LEE, BETSY MARIE	[REDACTED]		SPECIALIST	M 06	1990-10-08
EIFORD-LEE, BETSY MARIE	[REDACTED]		ANALYTICAL CHEMIST	SC 04	1990-10-08
EIFORD-LEE, BETSY MARIE	[REDACTED]		SPECIALIST	M 06	1990-12-20
EIFORD-LEE, BETSY MARIE	[REDACTED]	OPS SUPP	PROGRAM MGR	M 07	1993-01-25
HODGE, CHARLES A	[REDACTED]		ACTING CH, BRANCH	M 07	1988-01-04
HODGE, CHARLES A	[REDACTED]		CHEM ENGR	M 06	1988-01-04
HODGE, CHARLES A	[REDACTED]		CHEM ENGR	M 06	1988-07-03
HODGE, CHARLES A	[REDACTED]		CHEM ENGR	M 09	1989-03-20
CROWE, STEVEN K	[REDACTED]		NCLR EVAL	M 05	1987-12-21
CROWE, STEVEN K	[REDACTED]		SPECIALIST	M 06	1988-12-19
CROWE, STEVEN K	[REDACTED]		SR SPECIALIST	M 06	1988-12-19
CROWE, STEVEN K	[REDACTED]		SR SPECIALIST	M 08	1989-03-20
CROWE, STEVEN K	[REDACTED]		PROJECT MANAGER	M 08	1989-07-03
CROWE, STEVEN K	[REDACTED]		POSITION UNDER REV	M 09	1990-06-04
CROWE, STEVEN K	[REDACTED]		SPECIALIST	M 09	1990-09-17
CROWE, STEVEN K	[REDACTED]		SPECIALIST	M 09	1990-09-17
CROWE, STEVEN K	[REDACTED]		POSITION UNDER REV	M 09	1991-01-28
CROWE, STEVEN K	[REDACTED]		QUAL MGR	M 09	1992-06-22
CROWE, STEVEN K	[REDACTED]	SQN SITE PLT MGR	MGR	M 10	1993-12-27
HARVEY III, SAM L	[REDACTED]		POSITION UNDER REV	M 08	1991-05-06
HARVEY III, SAM L	[REDACTED]	OPS SUPP	PROGRAM MGR	M 08	1991-06-25
PLEVA, JOSEPH M	[REDACTED]		ASST SITE REP	M 05	1987-03-16
PLEVA, JOSEPH M	[REDACTED]		ASST SITE REP	M 06	1989-03-20
PLEVA, JOSEPH M	[REDACTED]		SPECIALIST	M 06	1989-03-20
PLEVA, JOSEPH M	[REDACTED]		NSRB TECH SECTY	M 08	1991-01-28
PLEVA, JOSEPH M	[REDACTED]	NUC ASSUR C	SPECIALIST	M 09	1991-09-23
VORA, NAYAN M	[REDACTED]		MGR	M 05	1988-01-18
VORA, NAYAN M	[REDACTED]		ENGR SPEC	M 05	1988-08-15
VORA, NAYAN M	[REDACTED]		ENGR SPEC	M 06	1989-03-20
VORA, NAYAN M	[REDACTED]		CIVIL ENGR	SC 04	1989-07-31
VORA, NAYAN M	[REDACTED]		POSITION UNDER REV	M 08	1990-03-19
VORA, NAYAN M	[REDACTED]		CONTRACT SPEC	M 08	1991-06-26
VORA, NAYAN M	[REDACTED]		POSITION UNDER REV	M 08	1991-06-26
VORA, NAYAN M	[REDACTED]		CONTRACT SPEC	M 08	1991-06-26
VORA, NAYAN M	[REDACTED]		POSITION UNDER REV	M 08	1992-01-15
VORA, NAYAN M	[REDACTED]	DIV DEV ME & CDD OOS&DBU	PROJECT MANAGER	M 09	1992-06-15
SKIBA, WALTER F	[REDACTED]		NCLR EVAL	M 05	1987-09-14

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JOB HISTORY INFORMATION

POSITION: VPA: 6621 NO.: 1 CLOSE DATE: 08/31/1994

JOB CODE: 2186 MGR SAL ADM/GR: PG 08 DEPTID: C611000000 OPS SUPP

NAME	SSN	PRESENT OPER/DIV/DEPT	PREVIOUS JOB TITLES	PREV SAL	EFFDT
SKIBA, WALTER F	[REDACTED]		SR NCLR EVAL	ADM/GR	1988-10-24
SKIBA, WALTER F	[REDACTED]		SR NCLR EVAL	M 07	1989-03-20
SKIBA, WALTER F	[REDACTED]		POSITION UNDER REV	M 07	1990-09-18
SKIBA, WALTER F	[REDACTED]		SPECIALIST	M 07	1990-09-18
SKIBA, WALTER F	[REDACTED]		SPECIALIST	M 09	1991-02-11
SKIBA, WALTER F	[REDACTED]	NUC ASSUR C	MGR	M 10	1993-08-23
CHANDRASEKARAN, E S	[REDACTED]		POSITION UNDER REV	M 08	1991-05-16
CHANDRASEKARAN, E S	[REDACTED]	OPS SUPP	PROGRAM MGR	M 08	1991-06-25
MANTOOTH, JIMMY G	[REDACTED]		ENGR SPEC	M 05	1987-06-26
MANTOOTH, JIMMY G	[REDACTED]		PROJECT MANAGER	M 05	1988-08-29
MANTOOTH, JIMMY G	[REDACTED]		PROJECT MANAGER	M 07	1989-03-20
MANTOOTH, JIMMY G	[REDACTED]		PROJECT MANAGER	M 06	1989-12-04
MANTOOTH, JIMMY G	[REDACTED]		PROJECT MANAGER	M 07	1989-03-20
MANTOOTH, JIMMY G	[REDACTED]		PROJECT MANAGER	M 06	1989-12-04
MANTOOTH, JIMMY G	[REDACTED]		SPECIALIST	M 06	1990-09-24
MANTOOTH, JIMMY G	[REDACTED]		PROJECT MANAGER	M 06	1990-09-24
MANTOOTH, JIMMY G	[REDACTED]		SPECIALIST	M 06	1990-12-20
MANTOOTH, JIMMY G	[REDACTED]	OPS SUPP	PROGRAM MGR	M 07	1992-07-27
DYSON, ALFRED	[REDACTED]		QUAL ASSURNCE EVAL	M 04	1988-01-04
DYSON, ALFRED	[REDACTED]		QUAL ASSURNCE SPEC	M 04	1989-03-13
DYSON, ALFRED	[REDACTED]		QUAL ASSURNCE SPEC	M 06	1989-03-20
DYSON, ALFRED	[REDACTED]		QUAL ASSURNCE SPEC	M 05	1989-03-20
DYSON, ALFRED	[REDACTED]		QUAL ASSURNCE EVAL	M 05	1989-03-20
DYSON, ALFRED	[REDACTED]		POSITION UNDER REV	M 07	1990-12-03
DYSON, ALFRED	[REDACTED]		ENGR SPEC	M 07	1991-11-24
DYSON, ALFRED	[REDACTED]	FOSSIL OPS ALLEN TECH SVS	TECH SERVICES SUPT	M 09	1993-02-01
MULLENIX JR, JAMES B	[REDACTED]		PROJECT MANAGER	M 05	1987-12-21
MULLENIX JR, JAMES B	[REDACTED]		PROJECT MANAGER	M 07	1989-03-20
MULLENIX JR, JAMES B	[REDACTED]		PROJECT MANAGER	M 06	1989-12-04
MULLENIX JR, JAMES B	[REDACTED]		PROJECT MANAGER	M 07	1989-03-20
MULLENIX JR, JAMES B	[REDACTED]		PROJECT MANAGER	M 06	1989-12-04
MULLENIX JR, JAMES B	[REDACTED]		COST ENGR	SC 03	1990-04-30
MULLENIX JR, JAMES B	[REDACTED]		MATL OFF	SA 01	1990-11-19
MULLENIX JR, JAMES B	[REDACTED]		RADIOCHEM LAB ANAL	SE 06	1991-02-11
MULLENIX JR, JAMES B	[REDACTED]	NUC ASSUR C SQN A&L	QUAL ASSURNCE EVAL	M 05	1991-02-11
PROFFITT JR, JAMES W	[REDACTED]		NCLR ENGR	SC 04	1986-08-04
PROFFITT JR, JAMES W	[REDACTED]		MGR	M 08	1990-07-30
PROFFITT JR, JAMES W	[REDACTED]		MGR	M 08	1991-10-07
PROFFITT JR, JAMES W	[REDACTED]	NUC ASSUR C SQN A&L	NCLR ENGR	SC 04	1991-11-04
VANDERSLICE, JOE O	[REDACTED]		ASST SHFT OPS SUPV	M 04	1988-02-04

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JOB HISTORY INFORMATION

POSITION: VPA: 6621 NO.: 1 CLOSE DATE: 08/31/1994

JOBCODE: 2186 MGR SAL ADM/GR: PG 08 DEPTID: C611000000 OPS SUPP

NAME	SSN	PRESENT OPER/DIV/DEPT	PREVIOUS JOB TITLES	PREV SAL	EFFDT
VANDERSLICE, JOE O	[REDACTED]		ASST SHFT OPS SUPV	ADM/GR	1989-03-20
VANDERSLICE, JOE O	[REDACTED]		SHFT OPS COORD	M 05	1989-03-20
VANDERSLICE, JOE O	[REDACTED]		ASST SHFT OPS SUPV	M 05	1991-12-04
VANDERSLICE, JOE O	[REDACTED]	BLN SITE PLT MGR	PROJ CONTROL SPEC	SD 04	1993-03-22
SORRELLE, DAVID W	[REDACTED]		PROJECT MANAGER	M 05	1987-11-02
SORRELLE, DAVID W	[REDACTED]		PROJECT MANAGER	M 07	1989-03-20
SORRELLE, DAVID W	[REDACTED]		PROGRAM MGR	M 09	1989-08-14
SORRELLE, DAVID W	[REDACTED]		PROJECT MANAGER	M 07	1989-08-14
SORRELLE, DAVID W	[REDACTED]		PROGRAM MGR	M 09	1989-09-25
SORRELLE, DAVID W	[REDACTED]		MGR	M 09	1989-12-04
SORRELLE, DAVID W	[REDACTED]		PROGRAM MGR	M 09	1989-12-04
SORRELLE, DAVID W	[REDACTED]		MGR	M 09	1990-01-02
SORRELLE, DAVID W	[REDACTED]		MGR	M 09	1990-06-01
SORRELLE, DAVID W	[REDACTED]		PROGRAM MGR	M 08	1990-09-24
SORRELLE, DAVID W	[REDACTED]		MGR	M 09	1990-09-24
SORRELLE, DAVID W	[REDACTED]		PROGRAM MGR	M 08	1990-12-20
SORRELLE, DAVID W	[REDACTED]	OPS SUPP	MGR	M 10	1992-07-27
HUIE JR, HUBERT H	[REDACTED]		RADIOCHEM LAB ANAL	SE 06	1987-07-20
HUIE JR, HUBERT H	[REDACTED]		RADIOCHEM LAB ANAL	SE 05	1987-03-16
HUIE JR, HUBERT H	[REDACTED]		SHFT OPS SUPV	M 03	1988-02-15
HUIE JR, HUBERT H	[REDACTED]		SHIFT SUPERVISOR	M 03	1988-02-15
HUIE JR, HUBERT H	[REDACTED]		SHIFT SUPERVISOR	M 04	1989-03-20
HUIE JR, HUBERT H	[REDACTED]	BFN SITE PLANT MGR	SHIFT SUPERVISOR	M 05	1990-12-03
HAMMONS JR, PERCY J	[REDACTED]		NUC ASSUR C CORP L&NGP NCLR ENGR	SC 04	1978-02-26
FISER, GARY L	[REDACTED]		PROGRAM MGR	M 06	1987-09-08
FISER, GARY L	[REDACTED]		MGR, GROUP	M 06	1988-04-11
FISER, GARY L	[REDACTED]		MGR, GROUP	M 07	1988-08-29
FISER, GARY L	[REDACTED]		MGR, GROUP	M 09	1989-03-20
FISER, GARY L	[REDACTED]		MGR	M 09	1989-03-20
FISER, GARY L	[REDACTED]	OPS SUPP	MGR	M 08	1993-10-04
FORSYTHE, THOMAS D	[REDACTED]		BIOLOGIST-FISHERIE	SD 04	1980-12-29
FORSYTHE, THOMAS D	[REDACTED]		PROGRAM ADM	SD 04	1980-12-29
FORSYTHE, THOMAS D	[REDACTED]		PROGRAM ADM	SD 04	1989-10-23
FORSYTHE, THOMAS D	[REDACTED]	LBL INTNL PRGMS	SPECIALIST	M 06	1994-01-24
WILLIAMSON, BRIAN H	[REDACTED]		SUP, UNIT	M 04	1988-01-18
WILLIAMSON, BRIAN H	[REDACTED]		SUP, SECTION	M 05	1988-12-19
WILLIAMSON, BRIAN H	[REDACTED]		SUPERVISOR	M 05	1989-01-02
WILLIAMSON, BRIAN H	[REDACTED]		PROJECT MANAGER	M 05	1989-01-30
WILLIAMSON, BRIAN H	[REDACTED]		PROJECT MANAGER	M 07	1989-03-20

JOB HISTORY INFORMATION

POSITION: VPA: 6621 NO.: 1 CLOSE DATE: 08/31/1994

JOB CODE: 2186 MGR

SAL ADM/GR: PG 08 DEPTID: C611000000 OPS SUPP

NAME	SSN	PRESENT OPER/DIV/DEPT	PREVIOUS JOB TITLES	PREV SAL	EFFDT
WILLIAMSON, BRIAN H	[REDACTED]		PROJECT MANAGER	ADM/GR	1989-12-04
WILLIAMSON, BRIAN H		PROJECT MANAGER	M 07	1989-03-20	
WILLIAMSON, BRIAN H		PROJECT MANAGER	M 06	1989-12-04	
WILLIAMSON, BRIAN H		COST ESTMTR	SD 03	1990-04-28	
WILLIAMSON, BRIAN H		MATL OFF	SA 01	1990-11-19	
WILLIAMSON, BRIAN H		RADIOCHEM LAB ANAL	SE 06	1991-02-11	
WILLIAMSON, BRIAN H		SPECIALIST	M 05	1992-01-17	
WILLIAMSON, BRIAN H		RADIOCHEM LAB ANAL	SE 06	1991-02-11	
WILLIAMSON, BRIAN H		SPECIALIST	M 05	1992-01-17	
WILLIAMSON, BRIAN H		OPS SUPP	M 06	1993-12-27	

JOB HISTORY INFORMATION

POSITION: VPA: 6621 NO.: 1 CLOSE DATE: 08/31/1994

JOB CODE: 2186 MGR

SAL ADM/GR: PG 08 DEPTID: C611000000 OPS SUPP

NAME	SSN	PRESENT OPER/DIV/DEPT	PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT
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*** END OF REPORT ***

CANDIDATES

HH000159

September 14, 1994

Ben G. Easley, LP 3A-C

INTERVIEW SCHEDULE - CHEMISTRY AND ENVIRONMENTAL PROTECTION SPECIALISTS
PG-7 (ANNOUNCEMENT NO. 6620) AND PG-8 (ANNOUNCEMENT NO. 6621) AND
RADIOLOGICAL CONTROL SPECIALIST PG-8 (ANNOUNCEMENT NO. 6613)

It is requested that your office set up interviews for the individuals listed below. The interviews will be conducted at BR 5N A12, Ivy Creek Room on September 22 and 23.

PG-8 Positions

Date: 9/22/94

Chemistry and Environmental Specialist:

<u>Name</u>	<u>Time</u>
Sam L. Harvey	8:30 a.m.
E. S. Chandrasekaran	9:15 a.m.
David W. Sorrelle	10:00 a.m.
Alfred Dyson	10:45 a.m.
Gary Fiser	11:30 a.m.

Radiological Control Specialist:

<u>Name</u>	<u>Time</u>
John Flood	1:45 p.m.
Regis Nicoll	2:30 p.m.
John Leamon	3:15 p.m.
Gerald Knight	4:00 p.m.

PG-7 Positions

Date: 9/23/94

Chemistry and Environmental Specialist:

Gerald Knight	8:30 a.m.
James Mullenix	9:15 a.m.
Thomas Forsythe	10:00 a.m.
Betsy Eiford-Lee	10:45 a.m.
Jim Mantooth	11:30 a.m.
Joseph Johnson	12:15 p.m.
James Griggs	1:00 p.m.

Date: 9/26/94

Brian Williamson 9:00 a.m., BR 5D-C

HH000160

Ben G. Easley
Page 2
September 14, 1994

The following Selection Boards have been assembled:

Date: 9/22/94

9/23/94

Board Members

Board Members

Gordon Rich/Dave Voeller
John Sabados
Pat Hughes/Wilson McArthur
Ron Grover
Ben Easley

Gordon Rich
Glen Bugg
Jerry Osborne

All board members are asked to assemble by 8:15 a.m. on their respective day. All material such as resumes, suggested questions, etc., will be provided.

R. O. Grover
R. O. Grover
Manager
Chemistry and Environmental
Protection
BR 5D-C

W. C. McArthur
W. C. McArthur
Manager
Radiological Control
BR 5D-C

ROG:WCM:DJL

cc: S. G. Bugg, POB 2D-BFN
P. W. Hughes, MOB 2U-WBN
J. P. Maciejewski, LP 3B-C
J. D. Osborne, SBT 3A-SQN
G. L. Rich, OPS 2B-SQN
J. W. Sabados, POB 2D-BFN
D. J. Voeller, MOB 1F-WBN

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VACANT POSITION ANNOUNCEMENT

SUMMARY DESCRIPTION OF DUTIES:

PROVIDE SENIOR TECHNICAL DIRECTION, SUPPORT, & OVERSIGHT TO THE TVAN CHEMISTRY & ENVIRONMENTAL PROTECTION PROGRAMS. THE INCUMBENT SERVES AS THE PRIMARY LIAISON BETWEEN THE SITES & TVAN CORPORATE. MANAGES THE IMPLEMENTATION OF DIRECTIVES, STANDARDS, & POLICIES & REGULATIONS AT ALL TVAN SITES. IS THE LEAD INDIVIDUAL FOR ENSURING THAT HIGH STANDARDS ARE SET & MAINTAINED AT BOTH CORPORATE & THE SITES. HIS/HER EFFORTS ARE FOCUSED ON ESTABLISHING/MAINTAINING A CHEMISTRY & ENVIRONMENTAL PROGRAM THAT ENHANCES THE SAFE & RELIABLE OPERATION OF TVAN SITES.

MINIMUM QUALIFICATIONS:

SHOULD HAVE A BACHELORS DEGREE OR THE EQUIVALENT IN CHEMISTRY, ENVIRONMENTAL SCIENCES, OR CHEMICAL ENGINEERING, INCLUDING FORMAL TRAINING & EXPERIENCE IN MANAGEMENT. SHALL HAVE AT LEAST EIGHT YEARS OF PROFESSIONAL EXPERIENCE IN APPLIED CHEMISTRY OR ENVIRONMENTAL PROTECTION, WITH EXPERIENCE AT AN OPERATING NUCLEAR PLANT PREFERABLE. SHOULD HAVE DETAILED KNOWLEDGE OF MODERN ANALYTICAL & RADIOANALYTICAL EQUIPMENT & METHODS USED FOR PERFORMING ALL REQUIRED CHEMISTRY & ENVIRONMENTAL ANALYSES AT TVAN SITES WHICH INCLUDES EQUIPMENT OPERATION & CAPABILITIES. HE/SHE MUST POSSESS GOOD KNOWLEDGE BASE IN AREAS OF ENVIRONMENTAL REGULATIONS.

TVA-WIDE MANAGEMENT

<p>HOW TO APPLY - EMPLOYEES GET THE APPROPRIATE EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION FORM AT YOUR LOCAL PERSONNEL, EMPLOYMENT, OR ADMINISTRATIVE OFFICE. THE FORM TO USE FOR THIS POSITION IS FORM TVA 9824. COMPLETE AND SEND THE FORM TO:</p>	<p>CLOSING DATE: 08/31/94</p> <p>APPLICATIONS RECEIVED AFTER CLOSING DATE ARE NOT ENTITLED TO CONSIDERATION, BUT MAY BE CONSIDERED AT TVAS OPTION.</p>
<p>NUCLEAR HUMAN RESOURCES LOOKOUT PLACE 3A-C (X-3820)</p>	

POST ON WHITE PAPER

<p>TVA NUCLEAR</p>	<p>WORK LOCATION CHATTANOOGA</p>	
<p>OPERATION OPERATIONS SERVICES/CHEM & ENVIRON PROTECTIO ON (SUPV: JOHN MACIEJEWSKI)</p>	<p>POSITION CHEMISTRY & ENVIRON PROTECTION SPECIALIST HH000162 4 POSITIONS</p>	
<p>DEPARTMENT *PG 8 PENDING FINAL HAY EVALUATION</p>	<p>SCHEDULE AND GRADE PG 8*</p>	<p>ANNOUNCEMENT NO. 6621</p>

TVA IS AN EQUAL OPPORTUNITY EMPLOYER. SELECTIONS WILL BE MADE ON THE BASIS OF MERIT AND EFFICIENCY AS SET OUT IN THE TVA ACT AND APPLICABLE LAWS PROHIBITING DISCRIMINATION IN FEDERAL EMPLOYMENT.

POSITION DESCRIPTION

PD NO. _____

Name _____

Social Security Number _____

Position Title CHEMISTRY AND ENVIRONMENTAL PROTECTION PROGRAM SPECIALIST

Pay Group or Schedule/Grade PG-8

Location Chattanooga

Effective Date _____

Organization Titles:

Group TVAN

Incumbent's Signature _____

Operations Nuclear Operations

Supervisor's Signature _____

Division Operations Services

HRM/HRO's Signature _____

Department Chemistry and Environmental Protection

Reports to _____

Section _____

(Title) Manager, Chemistry and Environmental Protection

Org Code _____

Supervisory _____

Approved Job Code: _____

Function Code: _____

Schedule/Pay Grade: _____

POSITION EVALUATION:

EVALUATION DATE: _____

EC&R REVIEWER INITIALS: _____

K-H Slot	K-H Pts	P-S Slot	P-S Pts	Acct Slot	Acct Pts	Total Pts	Profile

POSITION PURPOSE: _____

Provide senior technical direction, support, and oversight to the TVAN chemistry and environmental protection programs. The incumbent serves as the primary liaison between the sites and TVAN corporate. The incumbent manages the implementation of directives, standards, and policies and regulations at all TVAN sites. The incumbent is the lead individual for ensuring that high standards are set and maintained at both corporate and the sites. His/her efforts are focused on establishing/maintaining a chemistry and environmental program that enhances the safe and reliable operation of TVAN sites.

DIMENSIONS:

Employee:

Management/Professional/Technical = 0
Clerical/Technical Support = 0
TOTAL: = 0

Budget:

Operating = 0
Payroll = 0
TOTAL = 0

Distribution: Original - Human Resources Microrecords Unit, Knoxville
Copy - Operations Organization (as needed)
Copy - Central Office of Union Having Jurisdiction
Copy - Employee

HH000163

NAME _____ (First) (Middle) (Last) SSN _____ EFFECTIVE DATE _____

PRINCIPAL ACCOUNTABILITIES:

General:

1. Provide technical and programmatic expertise for implementation of the TVAN chemistry and environmental protection programs at individual sites. Provide direction as needed for project managers managing projects at his/her assigned site. Oversee the activities of other personnel assigned support functions for meeting the responsibilities of this position.
2. Assist site management with interpretation of chemistry and environmental policy; review and concur with site procedures and other TVAN documents that may impact the programs. Promote optimum consistency among site programs.
3. Recommend chemistry and environmental protection goals and specifications that are consistent with best industry practices, and assist with the implementation of actions to achieve them. Direct the performance of site evaluations of the chemistry and environmental protection programs to ensure consistency and compliance with established requirements.
4. Direct review and concur with root cause analyses for identified chemistry and environmental protection program problems, direct the development of corrective action plans, and coordinate the implementation of approved corrective actions.
5. Direct the performance of regulatory and licensing reviews of chemistry and environmental issues, recommend TVAN responses or positions, and concur with responses to external organizations.
6. Direct the development of chemistry and environmental protection training and qualification criteria. Conduct specialized seminars on chemistry and environmental protection technical topics as requested.
7. Provide long-term/large scope project support to the plant sites for major chemistry and environmental projects. Provide short-term plant problem response to the sites as requested.
8. Perform long-term data trending and assessment of key chemistry and environmental protection data. Provide appropriate feedback and corrective action proposals as necessary. Prepare an Annual Chemistry and Environmental Protection Report; review for concurrence with site staffs and issue.
9. Function as a primary TVA representative to the EPRI PWR Primary Water Chemistry Committee, EPRI/SGOG Chemistry Committee and EPRI BWR Owners Group Chemistry Committee and the appropriate environmental protection committees. Coordinate the release of chemistry and environmental data to outside organizations as authorized.
10. Serve as a chemistry and environmental protection specialist or alternate dose assessor, or environmental assessor, in the event of a radiological emergency. Remain on call 24 hours per day unless relieved by other approved personnel.
11. Actively engage in weekly plant tours, personnel interviews, observation feedback and working meetings during routine operations and plant outages. Coordinate with sites the preparation for INPO evaluations and responses.
12. Function as team leader and provide technical expertise in support of the Quarterly Chemistry and Environmental Protection Team assessments for TVAN sites.
13. Chair working groups such as radioanalytical working group, and analytical working group, the radiological assessment review committee.
14. Develop research and development project issues and act as technical coordinator. Compile data and research positions that support requests for systems specification changes and engineering design changes.

HH000164

Specific:

1. Act as a senior technical advisor and assist in carrying out site specific environmental permitting tasks such as NPDES, NEPA, underground storage tanks, asbestos, 404 Permits, landfill/disposal, mixed waste, material storage, storm water.
2. Provide direction in the implementation of site hazardous materials control plans, the proper handling and shipping of hazardous waste, mixed waste and solid waste.
3. Function as the TVAN senior technical expert to the sites in the areas of Chemical Traffic Control plans, bulk chemical control, handling of spills, PWR and BWR operational chemistry control, laboratory QA/QC, radioactive effluents, demineralization, post-accident sampling requirements, and failed fuel action plans.
4. Develop and interpret detailed data trending in the areas of primary and secondary chemistry for both BWR's and PWR's, auxiliary and makeup systems chemistry, radioactive effluents, site environmental discharges. Provide specific feedback for improvement on a routine basis.
5. Make recommendations to TVAN sites on resin type for usage in all plant applications. Assist the site in the development of resin specifications and analysis.
6. Understand the purpose and provide direction to TVAN site staffs in the implementation of such programs as ETA/Boric Acid/Molar-ratio control, secondary PWR Chemistry Control, IGSCC, mitigation, HWC and Zinc injection programs for BWR's, zebra mussel/clam control in service water systems.
7. Function as the senior technical expert and provide direction to the TVAN sites in all aspects of PWR steam generator chemistry/corrosion control which include hideout return evaluations, sludge lancing, chemical cleaning, and corrosion product transport minimization.
8. Function as the senior technical expert and provide direction to the TVAN sites in the areas of ODCM and radiological effluents management. Coordinate all regulatory updates.

MINIMUM QUALIFICATIONS:

The manager should have a bachelors degree or the equivalent in chemistry, environmental sciences, or chemical engineering, including formal training and experience in management. The manager shall have at least eight years of professional experience in applied chemistry or environmental protection, with experience at an operating nuclear plant preferable. The manager should have detailed knowledge of modern analytical and radioanalytical equipment and methods used for performing all required chemistry and environmental analyses at TVAN sites which includes equipment operation and capabilities. He/she must possess a very good knowledge base in the areas of environmental regulations, PWR and BWR chemistry control guidelines and permitting requirements. An advanced degree and ten years experience at the professional or managerial level are desirable.

INTERVIEW
QUESTIONS

HH000166

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Sam L Harvey

Date: 9-22-94

<u>Questions</u>	<u>Score</u>
1. Summarize your background/work experience as it relates to this position.	<u>10</u>
2. Describe 3 projects/programs your helped to initiate, develop, and complete in the Chemistry and/or Environmental areas.	<u>6</u>
3. Provide your definition of corporate support, corporate oversight, and their relationship.	<u>7</u>
4. What do you see as the main role for this position?	<u>7</u>
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both?	<u>8</u>
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection.	<u>7</u>
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)?	<u>6</u>
8. Describe at least 2 chemistry or environmental concerns of TVAN.	<u>9</u>
9. Provide 3 of your strengths that you feel makes you qualified for this job.	<u>7</u>
	<u>(67)</u>

05161

HH000167

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

Received:

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name HARVEY III SAM L. 2. Soc. Sec. No. [REDACTED]
Last First Middle
3. Present Job Title Program Manager 4. Schedule & Grade PG 8
5. Organization Operations Services Department Chemistry

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chem. & Env. Spec.
8. Schedule & Grade PG 8 9. Organization Nuclear Power Department Oper. Service
Section Chem. & Environmental Protection Work Location Chattanooga
10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if elected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on page 2.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you (). Obtain copies from your organization human resource office if necessary. (If additional space is needed, use page 2.)

SEE ATTACHED RESUME.

0745x

TVA 9824 (HR 8-78) [10-89] Page 1 of 2

HH000168

Name Harvey III Sam L. 2. Soc. Sec. No. [REDACTED]
Last First Middle

13. If announcement specified test requirements, have you qualified on the required test(s)? N/A

do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Handwritten Signature] Date 8/16/94

TVA Mailing Address BR 5D-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Human Resources Files, Knoxville, through your organization human resource officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

RESUME

Sam L. Harvey III

OBJECTIVE A challenging position where my education and experience in Chemistry will be an asset offering the opportunity for professional growth in Management and Supervision.

SUMMARY OF QUALIFICATIONS

Education: Took several courses at the Master level in Health Physics, Georgia Institute of Technology, Department of Continuing Education, Atlanta, Georgia, 1985. Bachelor of Science, (Biology/Chemistry), Valdosta State University, Valdosta, Georgia, 1980.

Publications: Available upon request.

Affiliations: Member: American Nuclear Society, American Chemical Society, National Association of Corrosion Engineers, New York Academy of Sciences.

Experience: Responsible for oversight, technical support, and program direction for a four site utility that included both PWR's and BWR's...prepared written evaluations of Primary, Secondary and BOP Chemistry parameters and results for site and senior management...Prepared and performed audits and assessments...Developed and wrote various chemical specifications and treatment programs for plant systems...Developed Chemistry procedures for plant radiation monitoring systems...Developed chemistry programs to ensure steam generator and reactor vessel long term integrity...Developed instrumentation requirements and analytical methods...Developed procedures and implemented Health Physics programs...Prepared ALARA engineering calculations...Systems analysis and troubleshooting...Coordinated work assignments and activities...Supervised technicians and professional staff...Procedure and systems walk downs...Information management and documentation...People engineering.

EMPLOYMENT HISTORY

May 1991 to present Program Manager, Tennessee Valley Authority, Corporate Office, Chattanooga, TN. Responsibilities include: oversight, technical support and program direction for four sites which include both PWR's and BWR's; primary focus areas include analytical chemistry, instrument selection and method development, secondary chemistry, balance of plant chemistry, steam generators and raw water systems. Provided specialized training to site staff and management. Provided periodic reports and briefings to senior utility management. Performed program assessments for site and senior management. *December 1991 - May 1992*; filled in at Sequoyah Nuclear Plant as acting Chemistry Technical Support Manager for a two unit PWR, duties included directing technical staff in daily assignments, reviewing and providing evaluation of plant chemistry data to plant management, developed and implemented improvements to the site chemistry program. *November 1992 - May 1993*; Acting Corporate Chemistry Manager, duties included managing corporate chemistry program to ensure oversight, technical support and program direction of TVA nuclear facilities, Supervision of corporate professional staff, development of budget and business plans, and implementation of Total Quality programs.

HH000170

EMPLOYMENT HISTORY

- December 1987 Staff Nuclear Chemist, Houston Lighting and Power Co.
- April 1991 Responsibilities include: Developed and wrote various chemical specifications and treatment programs for plant systems; developed chemistry procedures for plant radiation monitoring system; developed and wrote technical specifications for laboratory and on-line ion chromatography (IC) systems; set up, tested, developed procedures and trained 40 technicians and 10 supervisors on the applications for IC; Coordinated and developed site inter and intralaboratory Quality Assurance Program; provided onsite technical support and direction for secondary chemistry and radiochemistry laboratory operations; provided onsite technical support and direction for effluent monitoring and reporting; prepared Daily and Monthly written evaluations of primary and secondary chemistry parameters and results for management review cycles, developed corporate chemistry goals for the site, coordinated site approved material program, developed instrument specifications and analytical methods, directed raw water treatment program.
- April 1987 to Senior Chemist, under contract to Georgia Power Co., Waynesboro, Ga.
- December 1987 Responsibilities included: provided technical support for plant radiation monitoring system; prepared effluent permits; sample analysis and control of primary and secondary plant chemistry; operation of gamma spectroscopy system and data review; and performed troubleshooting of analytical instrumentation and procedure methods as needed.
- July 1985 Senior Shift Chemist, under contract to Carolina Power and Light Co., New Hill, N.C. to
- March 1987 Responsibilities included: supervised three chemistry technicians; liaison to utility; analyzed and maintained primary and secondary plant systems; effluent monitoring and permit approval; effluent monitor setpoint control; developed chemistry procedures; maintained laboratory QA/QC program; setup, operation and maintenance of three Dionex ion chromatographs; assisted in the development of a caustic eluant method for the determination of low level organic and inorganic anions for the ion chromatograph.
- September 1981 Senior Health Physics Technician, under contract to various utilities.
- to June 1987 Responsibilities included: directing and coordinating all work activities and health physics work assignments in all radiation controlled areas for 40 contract technicians; RWP survey review; RWP preparation; ALARA reviews; and calculating shielding requirement, record audits; directed health physics related job coverage in assigned areas; operation of counting room equipment and TLD reader; drywell maintenance; radwaste shipments and shipping packages; and performed containment power entries and surveys.
- August 1980 to Chemical Radiation Technician, Georgia Power Company, Plant Hatch Nuclear
- September 1981 Station, Baxley, Georgia. Responsibilities included: calibration of plant liquid and gaseous effluent radiation monitors; prepared effluent release permits; performed radiochemical separations; operated water and waste treatment systems; developed chemistry procedures; operation of counting room equipment and data review; performed chemistry and health physics related activities in assigned areas; performed contamination, radiation and air sample area surveys; and performed radwaste shipments.

REFERENCES: AVAILABLE UPON REQUEST.

HH000171

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: R. S. CHANDRASEKHARAN

Date: 9/22/94

Questions

Score

- | | |
|---|-------------|
| 1. Summarize your background/work experience as it relates to this position. | <u>10</u> |
| 2. Describe 3 projects/programs your helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. | <u>8</u> |
| 3. Provide your definition of corporate support, corporate oversight, and their relationship. | <u>9</u> |
| 4. What do you see as the main role for this position? | <u>9</u> |
| 5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? | <u>9</u> |
| 6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. | <u>10</u> |
| 7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? | <u>10</u> |
| 8. Describe at least 2 chemistry or environmental concerns of TVAN. | <u>8</u> |
| 9. Provide 3 of your strengths that you feel makes you qualified for this job. | <u>10</u> |
| | <u>(83)</u> |

05161

HH000172

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

Received:

This form is to be completed only by present TVA employees when they want to apply for announced vacant position and should be sent to address given on announcement.

1. Name Chandrasekaran E. S. 2. Soc. Sec. No. [REDACTED]
Last First Middle
3. Present Job Title Program Manager 4. Schedule & Grade PG-8
5. Organization TVA Nuclear/OPS SVS Department Chemistry

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chem & Env
Specialist
8. Schedule & Grade PG-8 9. Organization TVAN Department OPS SVS/Chem
& Env Prot
Section _____ Work Location Chattanooga
10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halvesister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes," list name(s), relationship(s), and position(s) on page 2.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you (). Obtain copies from your organization human resource office if necessary. (If additional space is needed, use page 2.)

Please see attached resume'.

13. If announcement specified test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature Chandrasekaran Date 8-22-94

TVA Mailing Address BR 5D-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Human Resources Files, Knoxville, through your organization human resource officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

HH000173

RESUME

E. S. CHANDRASEKARAN
BR 5D-C
Phone: 751-3064

EDUCATION:

Ph.D. Chemistry
Michigan State University
M.S. Nuclear & Inorganic Chemistry
B.S. Chemistry

OBJECTIVE & SUMMARY:

A self-starting, dependable, team-oriented individual with broad technical expertise, supervisory and managerial experience, seeking a challenging position in the areas of Chemistry, and Health Physics management. Selected areas of expertise include:

- Management of Corporate Chemistry Program providing technical support, oversight, and program direction to PWR and BWR site Chemistry operations
- Radiological effluents and radiation monitoring programs
- Near term operating license (NTOL) startup PWR Chemistry program
- Operational PWR primary and secondary chemistry program
- Operational BWR chemistry and balance of plant chemistry
- Set up and oversight of chemical traffic control (CTC) program at PWR and BWR plants
- Raw water chemical treatment program for corrosion control
- Laboratory and count room set up and QA/QC program
- Hydrogen water chemistry issues at BWR
- Source term reduction and radwaste reduction program
- Environmental and radwaste management
- Chemical decontamination methods
- Corporate chemistry manual and standards development
- Software quality assurance program implementation

HH000174

EXPERIENCE:

May 1991 to Present:

TVA

Program Manager, Corporate Chemistry.

Responsibilities include technical support, oversight, and program direction on a wide range of chemistry activities for all TVA nuclear sites chemistry program. TVA nuclear sites consist of two unit operational PWR plant, three unit BWR plant (one unit operational, and two on restart status), two unit PWR plant near term operational status, and two unit PWR plant under construction. Some of the activities include long-term chemistry and radiochemistry data trending; radiological effluents; fuel performance evaluation, optimization of chemistry program improvements to meet the revised industry guidelines; radwaste minimization; source term reduction program implementation; cooling water treatment; chemical decontamination methods; hydrogen water chemistry at BWR to minimize IGSCC; multi-site cost effective partnering contract to meet site needs; emergency plan (EP) exercises dose assessment; Corporate chemistry manual and guidelines development; technical assessments; EPRI, INPO, GE, and Westinghouse industry meeting participation & guidelines development

March 1988 to May 1991

Houston Lighting & Power Co.,

Chemistry Operations & Analysis General Supervisor (11/90 to 5/91)

Chemistry Operations & Analysis Staff Chemist (3/88 to 10/90)

Responsible for two unit operational PWR units Chemistry & Radiochemistry technical support. The areas of responsibilities included primary and secondary chemistry short-term & long-term data evaluation and trending; radioactive effluents management program; radwaste management program; environmental management program; radiation monitoring system data trending and performance evaluation; chemical traffic control program management; Chemistry QA/QC program management; cooling water treatment & monitoring program; chemistry & health physics counting room management; condensate polishing improvements; chemistry program direction & oversight.

Supervised a staff of ten employees and few contractors.

June 1985 to March 1988

Manager / Technical director, Westel/Ad-Tec Inc.,

Responsible for technical and administrative management of radiochemistry and health physics services.

Supervised a staff of twelve employees and few contractors.

HH000175

September 1976 to May 1985
Eberline Analytical Services
Laboratory Manager / Director

Responsible for technical, administrative, and business management of the Eberline analytical services operation. The services provided include chemical and radiochemical analyses services to about 12 nuclear power plants in support of their radiological environmental monitoring program (REMP); 10CFR50 effluents sample analyses program; 10CFR61 radwaste sample analyses program; personnel and environmental TLD dosimetry services; radioactive calibration source manufacturing & calibrations; nuclear power plant & uranium milling radio bioassay services; radiological services for waste remediation DOE operations such as FUSRAP, UMTRAP etc., and specialized training services.

Supervised a staff of about forty employees and few contractors.

September 1975 to August 1976
University of Michigan
Lecturer

Taught chemistry for undergraduates and performed research work while completing my Ph.D thesis work.

OTHER:

Licensed by the State of New Mexico for calibration and service of X-ray machines for radiology

Have published over twenty papers in technical journals and have presented papers at symposiums and conferences

Was ranked number 1 in the University in the M.S degree program out of a class of sixty-six graduate students

HH000176

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: DAVID SORNELLE

Date: 9/22/94

Questions

Score

1. Summarize your background/work experience as it relates to this position. 9
2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. 10
3. Provide your definition of corporate support, corporate oversight, and their relationship. 7
4. What do you see as the main role for this position? 7
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? 8
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. 7
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? 5
8. Describe at least 2 chemistry or environmental concerns of TVAN. 9
9. Provide 3 of your strengths that you feel makes you qualified for this job. 8

(19)

05161

HH000177

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1994 AUG 31 AM 10:31

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name Sorrelle David Walton 2. Soc. Sec. No. [Redacted]
3. Present Job Title Mgr., Environmental Prot. 4. Grade (Salary Policy Employees Only) PG-10
5. Organization TVAN Department Technical Programs

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chemistry & Env. Prot. Spl.
8. Grade (Salary Policy Employees Only) PG-8 9. Organization TVAN
Department Operations Services Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you. Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

I am an experienced professional with more than 25 years in utility operations, manufacturing and engineering consulting. I have a double major in Chemistry and geology (B.S.). Eight years was devoted to fossil and nuclear operations at Alabama Power Co. in the startup and operation of 3 fossil and 1 nuclear unit. As manager of Facility Operations at Sony Magnetic Products for 10 years responsibilities included operation of a hazardous waste treatment facility and utility operations. My career responsibilities also included serving as Vice President of Environmental Special Projects for Vera Int'l before joining TVA in 1987 in Chemistry as Project Manager. Recent responsibilities have included serving as manager of TVA's Environmental Protection Program and serving as regulatory point of contact for environmental permitting and compliance. My experience in Chemistry and Environmental Protection makes me uniquely qualified to fill the referenced vacancy. (over)

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date 8/30/94
Mailing Address BRSD-C

This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Microrecords Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

A resume is attached which summarizes my career and accomplishments.

Also I am a Board approved Certified Hazardous Materials Manager and Asbestos Abatement Supervisor.

HH000179

DAVID W. SORRELLE

[REDACTED]
(615) 751-2216 (Work)
[REDACTED]

BACKGROUND SUMMARY

25 years of utility and private industry experience in environmental compliance and regulation, chemical control, implementation and long term operation management.

Knowledgeable in recycling, incineration, heat recovery and chemical management. Experienced in regulatory negotiations and utility/manufacturing systems startup.

ACCOMPLISHMENTS

- Appointed to "Advisory Committee on Hazardous Material and Resource Recovery (HAMMAR)" in 1986 by University of Alabama President, Dr. Jōab Thomas.
- Appointed to "Advisory Committee on the Environment" by Alabama Governor Guy Hunt in 1987.
- Obtained Certified Hazardous Materials Manager (CHMM) certification in 1990 (CHMM # 2547).
- Obtained EPA Asbestos Abatement Supervisor certification in 1991 (AHERA 91-127-10).

WORK EXPERIENCE

TENNESSEE VALLEY AUTHORITY

Manager, Environmental Protection August 1989 - present

Manage Corporate Environmental Protection staff for TVA Nuclear.

Responsibilities include directive, policy and procedure development/maintenance, permit negotiations for 4 nuclear power sites, site self-assessments, environmental review of modifications and construction and technical support. In addition manage a \$6,200,000 aquatic and environmental budget which supports 7 facilities and a \$800,000 department operating budget.

Project Manager, Environmental Protection March 1988 - July 1989

Coordinated nuclear power chemical management program, site/facility regulatory and licensing requirements in Emergency Planning and Community Right to Know, air and water permitting. Had direct responsibility for renewal of Browns Ferry Nuclear Plant NPDES permit.

Project Manager, Chemistry November 1987 - March 1988

Supervised coordination of make-up water demineralizer and condensate polisher upgrades, training of personnel, procedure development and start-up assistance of Sequoyah Unit #2.

HH000180

VARA INTERNATIONAL, INC.

Vice President, Environmental Engineering July 1987 - November 1987
Managed activities relating to the design, construction and start-up of pollution abatement systems associated with volatile organic carbon vapor recovery and distillation. In addition responsible for design of hazardous waste processing and recycling utilizing thin film evaporators. Activities also included hazardous waste, air and water permitting.

SONY MAGNETIC PRODUCTS, INC.

Division Manager, Facility Engineering December 1976 - June 1987
Managed start-up and operation of \$20,000,000 solvent recovery and utility complex. Managed staff of 109 with responsibilities in engineering, maintenance, construction, drafting, building/grounds, and utilities. Management responsibilities included operation of an 8 column distillation unit, 9 carbon adsorbers, two thin film evaporators and 2 incinerators (one at 12 ton per day burning solid waste and one permitted to burn hazardous waste, both with energy recovery). Responsibilities also included the operation of four (4) gas fired boilers, five (5) 750 ton Trane air conditioning chillers and three (3) 1250 CFM compressors. In addition responsibilities included the management of a \$1,000,000 per month department budget.

ALABAMA POWER COMPANY

Supervisor, Chemistry and Radiochemistry February 1972 - December 1987
Managed chemistry and radiochemistry at Farley Nuclear Plant in Dothan, Alabama. Responsibilities included staff selection, laboratory equipment and supplies procurement, procedure development, and other related activities supporting the start-up of Farley Unit 1. Supervised the start-up and operation of a 500 gpm demineralized water treatment facility and turbine/reactor on-line instrumentation.

Chemist, Chemistry and Controls September 1969 - January 1972
Barry Steam Plant, Mobile Alabama - 1969 - 1971
Gorgas Steam Plant, Jasper, Alabama - 1971 - 1972
Provided laboratory support during construction and start-up of Barry Units 4 & 5 (400 and 750 megawatts respectively) and Gorgas Unit 10 (750 megawatts). Activities included start-up and operation of 2 demineralized water treatment facilities and 3 polishing condensate demineralizers. In addition supervised the start-up of two (2) on-line instrumentation panels, training of staff personnel and procedure development.

EDUCATION

B. S., Chemistry and Zoology (Double Major), University of North Alabama, 1969

HH000181

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: AL DYSON

Date: 9/28/94

Questions

Score

1. Summarize your background/work experience as it relates to this position. 7
2. Describe 3 projects/programs your helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. 8
3. Provide your definition of corporate support, corporate oversight, and their relationship. 7
4. What do you see as the main role for this position? 7
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? 6
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. 4
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? 6
8. Describe at least 2 chemistry or environmental concerns of TVAN. 6
9. Provide 3 of your strengths that you feel makes you qualified for this job. 7

*technical background
works with people*

(3)

05161

HH000182

EDUCATION

TECHNICAL SKILLS/EXPERIENCES

Strengths

AVT (PWR)
HWC (BWR)

CHEMISTRY (Minor)
CHEMICAL ENGINEERING (Major)
Mathematics (Major)

Water Chemistry
Corrosion Monitoring Methods
ENVIRONMENTAL COMPLIANCE
CHEMICAL CLEANING
RADWASTE PROCESSING & SHIPPING
Systems (DESIGN & OPERATIONS)
Engineering Projects (DCR)
Project Mgt.
Laboratory QA/QC
on-line instrumentation
Lesson Plan Development
Certified Nuclear Instructor
Auditing / Surveillance Monitoring
Accident / Incident Investigation

Skills
Concepts

General Chemistry
Analytical Chemistry
Physical Chemistry
Unit Operations (Systems)
Process Engineering
Chemical Calculations
Thermodynamics
Heat Transfer
Mass Transfer

Experiences

3 yrs As Analytical Chemist
2 yrs Nuclear Chemistry Instructor
3 yrs QA Evaluators
4 yrs Chemical Engineering Specialist
YRS Total Chemistry-Related

Statistics
Control Charts
Radiochemistry
Laboratory Safety
Laboratory Chemistry (Oil Refinery)
CHEMICAL TRAFFIC CONTROL
50, 59 - Preparations (Level 5)
Working Knowledge of Regulatory Policies
ASTM (Part D) Reg. Guide 1, 33, 41/5
FSAR ANSI STDs
Tech Specs EPR Guidelines
SIS
INPO Guidelines
NPDES (Non Radiological Effluents)

Weaknesses:

understand
Fundamentals
but need
Improvements

Radio chemistry
Count Room
DOSE / Effluent Monitoring
Laboratory Methods Development
(i.e., IC, AA, etc.)

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MGT. Skills / Education / Experiences

Strengths:

6 Step Process Mgt. Improvement

FORMAL MGT. TRAINING

M.S. Engineering Management (Major)
TVA Nuclear Mgt. Program (NETP System)

Engineering Economics } University
Managerial Finance } Courses
Accounting }
Engineering Mgt. Ethics } Taken
Technical Project Mgt.
Fundamentals of Engineering Mgt.

TVA Quality Program
Performance Measurement
Action Plans
Budget Development

Regulatory Requirements
(DOT, EPA, OSHA, NRC)

Dept. Manager (James)

HEAT RATE

CHEMISTRY LAB OPERATIONS

ENVIRONMENTAL

PLANT STATISTICS

AMERICAN Mgt. Assoc. Courses

- ① The Art of Management
- ② Leadership
- ③ Supervision for New/First Line Supervisors

STRATEGIC PLANNING
Performance Appraisals
Disciplinary Actions
Organizational Analysis
• Culture
• Business Drivers
• Values / Beliefs

Mission Vision Goals Objectives

Experiences:

TEAM BUILDING
• Personalities
• Goal Setting

Project Justifications
• Technical
• Economics / Payback
• Political

Technical Presentations
• Delivery
• Preparation

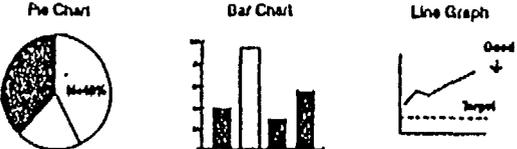
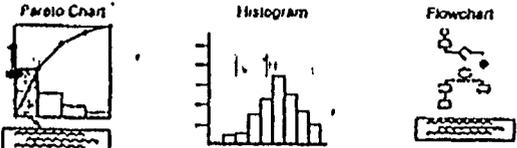
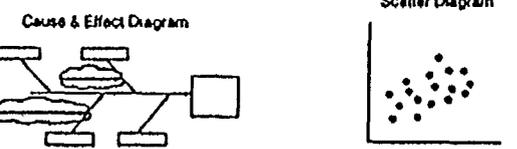
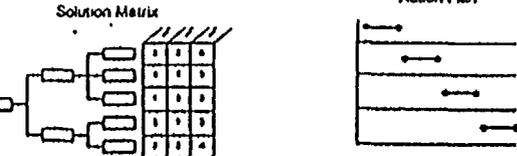
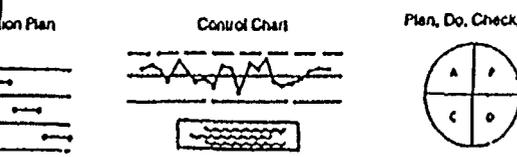
Weaknesses:

more OJT (> 3yrs)

HH000184

IMPROVEMENT ACTIVITY SUMMARY

98TH000186

SUMMARY STEP	OBJECTIVE / OUTPUT	HELPFUL TOOLS/TECHNIQUES:	KEY ACTIVITIES
<p>1 REASON FOR IMPROVEMENT</p> <p>Pie Chart Bar Chart Line Graph</p> 	<p>To identify a problem and the reason for working on the problem.</p> <hr/> <ul style="list-style-type: none"> • A Problem Area (Improvement Opportunity) • An Indicator which shows the impact on the customer 	<ul style="list-style-type: none"> • Bar Chart • Brainstorming • Line Graph • Multivoting • Pie Chart • Selection Matrix 	<ol style="list-style-type: none"> 1. Consider what needs improvement. 2. Select a general problem area. 3. Choose an indicator which shows the effect of the problem area on the customer. 4. Describe the procedures used in the affected work area. 5. Set a schedule for completing the Improvement Activity Summary steps
<p>2 PROBLEM DEFINITION</p> <p>Pareto Chart Histogram Flowchart</p> 	<p>To select a specific problem and set a target for improvement.</p> <hr/> <ul style="list-style-type: none"> • A Problem Statement • A Target • Target Methodology 	<ul style="list-style-type: none"> • Checklist • Process Flow Chart • Graphs • Pareto Chart • Frequency Chart • Histogram 	<ol style="list-style-type: none"> 1. Collect data on all aspects of the problem area. 2. Stratify the problem area from various viewpoints. 3. Select a problem from the stratification of the problem area. 4. Identify the customer's valid requirements. 5. Use data to establish a target. 6. Write a clear problem statement.
<p>3 ANALYSIS</p> <p>Cause & Effect Diagram Scatter Diagram</p> 	<p>To identify and verify the root cause(s) of the problem</p> <hr/> <ul style="list-style-type: none"> • Root Causes • Verification (Cause and Effect Relationship) 	<ul style="list-style-type: none"> • Cause and Effect Diagram (Ishikawa) • Checklist • Histogram • Pareto Chart • Scatter Diagram 	<ol style="list-style-type: none"> 1. Identify the potential root cause(s) of the problem. 2. Probe deeply to separate symptoms from root cause(s). 3. Verification of root causes using data. 4. Evaluate and quantify the impact on the problem of each verified root cause. 5. Compare to target level to ensure target is achievable.
<p>4 SOLUTIONS</p> <p>Solution Matrix Action Plan</p> 	<p>To identify and select proposed solutions which will fix the root cause(s) of the problem</p> <hr/> <ul style="list-style-type: none"> • Solutions • Action Plan for Implementing the selected solution(s). 	<ul style="list-style-type: none"> • Solution Matrix • Cost Benefit • Barriers and Aids • Action Plan • Obtain cooperation and approvals 	<ol style="list-style-type: none"> 1. Identify potential solutions. 2. Evaluate solution for <ul style="list-style-type: none"> • Effectiveness • Feasibility 3. Select a solution based on the evaluation of the likelihood and magnitude of the reduction to the root cause(s). 4. Develop complete and comprehensive plan for implementation. 5. Identify factors which will support or hinder implementation of the solutions. 6. Communicate clearly with those affected or involved in the solution.
<p>5 RESULTS</p> <p>Pareto Chart Graph</p> 	<p>To verify that the problem and the root causes have been reduced or eliminated and that the target for improvement has been met.</p> <hr/> <ul style="list-style-type: none"> • A graphical presentation that root causes were reduced • An Indicator graph to track results in the future. 	<ul style="list-style-type: none"> • Control Chart • Histogram • Line Graph • Pareto Chart • Pie Chart 	<ol style="list-style-type: none"> 1. Compare the indicators before and after implementation of the solutions. 2. Confirm that a reduction in the root causes has actually occurred because of the solutions. 3. Compare the results to the target that was set in step two. 4. Determine if additional solutions are necessary to achieve the target improvement.
<p>6 PROCESS IMPROVEMENT</p> <p>Action Plan Control Chart Plan, Do, Check, Act</p> 	<p>To prevent the problem from recurring, standardize system for improvement, and identify any remaining problems</p> <hr/> <ul style="list-style-type: none"> • Procedures or Standards • Control system (if appropriate) • Action Plan (when needed) • Lessons learned • Replication Plan (if appropriate) 	<ul style="list-style-type: none"> • Procedures/Standards • Process Flow Chart • Radar Chart • Action Plan • Pareto Chart 	<ol style="list-style-type: none"> 1. Assure that the solution becomes part of daily work. 2. Assure employees understand how to use the new processes. 3. Establish the appropriate monitoring or tracking. 4. Determine where else the solution can be applied. 5. Determine if other parts of the original problem still remain and should be acted upon. 6. Evaluate what the team has learned.

Adapted from the concept of the QC Story, originally named by Mr. Nogawa, president of Komatsu, for the purpose of reporting improvement activities. Professor Ikezawa and others expanded the procedure to include its use as a guide for solving problems.

IMPROVEMENT ACTIVITY SUMMARY

SUPPLEMENTAL EXPLANATION FORM

SUMMARY STEPS	CHECKPOINTS	SUPPLEMENTAL EXPLANATION POINTS
REASON FOR IMPROVEMENT	<p>The problem area selected was based on the needs of the customer.</p> <p>The problem area was represented correctly by an indicator.</p> <p>The improvement opportunity was demonstrated using data.</p> <p>A schedule for completing the Problem Solving Process was developed.</p>	<p>An evaluation was performed to identify the customer.</p> <p>Once the problem area is selected, an indicator is chosen that accurately reflects the problem. There should be a direct correlation between the problem and the indicator.</p> <p>Graphically show the historical background of the problem.</p> <p>Express in concrete terms the undesirable results.</p> <p>A schedule to complete the Process steps should be shown.</p>
PROBLEM DEFINITION	<p>The problem area was stratified to a component level specific enough to analyze.</p> <p>The valid requirements of the customer were identified.</p> <p>Problem statement addressed the gap between the current and targeted values.</p> <p>The methodology in establishing goals/targets was identified.</p>	<p>The problem has been broken down to an explicit level that can be properly analyzed.</p> <p>The customer's reasonable wants and needs have been determined.</p> <p>The problem statement shows the "measurable gap" between what exists at problem selection and what should be. The gap may be a deviation from the norm, standard or reasonable expectation.</p> <p>A logical means of setting goals/targets was used.</p>
ANALYSIS	<p>Cause and effect analysis was performed on the problem.</p> <p>Root causes were taken to an actionable level.</p> <p>Root causes with probable greatest impact on the problem were selected.</p> <p>Verification of root cause(s) was performed.</p>	<p>The cause and effect analysis should be done on that specific problem found during problem definition.</p> <p>Cause and effect was taken to such a detailed level that allows actionable and specific root causes to be identified.</p> <p>The selected root causes are those that are likely to have the most significant impact on the problems.</p> <p>The identified root causes are supported by data showing a quantifiable impact to the problem.</p>
SOLUTIONS	<p>Selected solutions attacked verified root causes.</p> <p>Solutions were consistent with meeting customer valid requirements.</p> <p>Solutions were cost beneficial.</p> <p>Action plan answered who, what, when, where and how.</p> <p>Action plan addressed factors that support or hinder the implementation of solutions.</p>	<p>The relationship between the significant root causes and the selected solutions have been illustrated.</p> <p>The selected solutions meet the reasonable wants and needs identified in Problem Definition.</p> <p>The overall cost benefit of the solutions should be positive. Valid solutions can increase cost if deemed appropriate (e.g. increased safety, goodwill, etc).</p> <p>The action plan shows who, what, when, where and how implementation was achieved.</p> <p>Any modifications to the implementation due to barriers and aids analysis should be noted on the action plan.</p>
RESULTS	<p>Root causes have been decreased or eliminated.</p> <p>Tracking indicator was the same one used to indicate the problem.</p> <p>Results met or exceeded target (if not, cause was addressed).</p>	<p>It should be demonstrated that the significant root causes were actually reduced after the solutions were implemented.</p> <p>The indicator used to track the effects of the implemented solutions should be the same indicator chosen in Reason for Improvement.</p> <p>The results shown on the tracking indicator should meet or exceed the goals/targets selected in Problem Definition. If not, the cause should be identified. Please note that if the cause is significant, it should have been identified earlier in the process.</p>
PROCESS IMPROVEMENT	<p>Method to assure solutions become part of daily work was developed (including applicable training).</p> <p>Periodic checks were put in place with assigned responsibility to monitor the solutions.</p> <p>Specific areas for replication were considered.</p> <p>Any remaining components of the problem will be addressed.</p> <p>Team evaluated their performance.</p>	<p>A system is in place to ensure that the selected solutions can be properly applied to all affected individuals or departments.</p> <p>Assigned individuals are accountable for tracking the continuing effectiveness of the solutions.</p> <p>Recommendations have been made as to how the solutions may be applied in other areas. If the countermeasure is unique to a particular area, it should be stated. Please note: replication is the responsibility of management. It is only asked that the issue be considered as to its feasibility.</p> <p>Any remaining components of the problem should be identified and an explanation given as to how they will be addressed. It is acceptable for a team not to address the remaining components if it can be shown that they will have no significant improvement impact. If there are no remaining components, it should be so stated.</p>

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

SEP -1 1994

1. Name Dyson Alfred Last First Middle 2. Soc. Sec. No. [Redacted] 3. Present Job Title Technical Services Supt. 4. Schedule & Grade PG-9 5. Organization F&H Pr Operations Department Allen Fossil Plant - Memphis

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title Chemistry & Environ Prot Spec 8. Schedule and Grade PG-8* 9. Organization Nuclear Power Department Operations Services Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halvesister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes," list names(s), relationship(s), and position(s).

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you [] Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

Education: M.S. Engineering Management M.S. Chemical Engineering B.S. Chemical Engineering B.S. Mathematics (minor: Chemistry)

Experience & Training: Over 16 yrs TVA Experience (See Attached Resume for Details)

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature Alfred Dyson Date 8/26/94 TVA Mailing Address FOS IA - ALF Phone: (901) 789-8478

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Microrecords Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

ALFRED DYSON

CHEMICAL ENGINEER with over TWENTY (20) years of CHEMICAL ENGINEERING/CHEMISTRY EXPERIENCE in engineering and management positions. Includes more than 10 years of experience in process evaluation, process development and design engineering of various power plant systems and industrial chemical processes. More than 2 years of instructing and preparing training programs for Nuclear Power Plant Radiochemical Laboratory Analysts and Chemical Engineers/Chemists. Three years as a Quality Assurance Evaluator of NUCLEAR POWER PLANT Chemistry, Environmental Compliance, and Radioactive Waste Management programs. Also, 4 years experience as an ANALYTICAL CHEMIST at an oil refinery. Experienced in the use of commercial process design simulators and very proficient in FORTRAN, BASIC, and LOTUS 1-2-3 programming languages for use on mainframe, mini and personal computer (PC) workstations.

EDUCATION

M.S. Engineering Management - University of Tennessee (Chattanooga, Tn.), 1992
M.S. Engineering (Option: Chemical) - University of Tennessee (Chattanooga, Tn.), 1982
B.S. Chemical Engineering - Christian Brothers College (Memphis, Tn.), 1978
B.S. Mathematics (Minor: Chemistry) - Kentucky State University (Frankfort, Ky.), 1973

WORK EXPERIENCE

February 1993
to
Present

Tennessee Valley Authority (TVA), Technical Services Superintendent, Fossil & Hydro Power Division, Allen Fossil Plant - As Manager of the Technical Services Department, manages the engineering activities and chemistry laboratory operations of a major fossil generating plant to the objectives mandated by the plant manager. The objectives include safety accountability; resource management; projected generation; heat rate, availability, reliability improvements; budget adherence, environmental compliance, plant support system development and improved employee relations.

December 1990
to
February 1993

TVA, Engineering Specialist (Chemical), Nuclear Engineering, WBN Plant & Chattanooga Corporate Engineering Office - As a management specialist and consultant, directed administrative and technical chemical engineering functions pertaining to environmental compliance, chemical processes for water treatment, radwaste management, and materials compatibility. Responsible for preparation and/or review of engineering design criteria, studies, system modifications (DCNs), and procedures; and resolution of plant operating problems affecting the design requirements of these chemical-related areas.

January 1988
to
December 1990

Tennessee Valley Authority (TVA), Quality Assurance Evaluator, Division of Nuclear Quality Assurance, Sequoyah Nuclear Plant - Planned and performed real time surveillance observations and audits of nuclear plant site work activities in the program areas of chemistry & chemical operations; environmental compliance and radiological effluent/radwaste management. Reviewed related documentation (e.g., Technical Instructions) to verify that the observed activity or program conforms to specified requirements. Then evaluated the adequacy and effectiveness of the activity; and report conditions adverse to quality and safety to management. Also performed reviews of revisions and preparations of radwaste, environmental, and chemical-related procedures to ensure compliance with NRC, EPA, & TVA policies (i.e., 10CFR, NPDES, FSAR, Technical Specifications, etc.) and made recommendations to management for improvements.

August 1985
to
January 1988

Tennessee Valley Authority (TVA), Chemical Engineer (Instructor), Division of Nuclear Training - Prepared and/or presented technical lesson plans which describe and analyze key design, operational, and chemistry-related parameters of nuclear power plant systems. Technical topics included water treatment systems, radwaste processing, corrosion, radiochemistry, on-line chemical process instrumentation, analytical laboratory methods & instrumentation theory, ion exchange theory, primary and secondary systems chemistries for unit operations.

January 1985
to
August 1985

TVA, Chemical Engineer, Conservation and Energy Management - Developed energy conservation engineering test procedures, designed the test apparatus, prepared purchase requisitions, and directed the work of lower grade engineers and craftsmen in the construction of the test apparatus. Collected test parameters using an IBM PC/XT and data logger; and wrote BASIC computer programs that converted the raw test data into graphical display of engineering variables.

September 1980
to
January 1985

TVA, Chemical Engineer, Office of Coal Gasification - Performed system technical assessments and preliminary economic assessments of various coal gasification technologies for TVA management's process selection for the North Alabama Coal Gasification Project at Murphy Hill, Alabama. During detailed design phase reviewed and evaluated P&IDs submitted by outside contractors for technical adequacy, accuracy, and workability; recommended changes when necessary. Acquired and installed the ASPEN simulator on the TVA IBM mainframe computer. Then developed and maintained FORTRAN computer programs that performed complex process design heat & material balance calculations of integrated plant systems. Using computer simulation techniques, performed process analysis of various operating alternatives to increase the efficiency of the plant design and provide a better perspective of plant performance. Also trained engineering aides and assisted engineering peers with the development of plant systems steady state mathematical models. Also prepared technical assessments for Environmental Impact Statement (EIS) preparation. When the project ended, worked (on loan) at Browns Ferry Nuclear Plant. Performed systems walkdowns of HPCI and RCIC systems to verify as-constructed mechanical flow diagrams. As a team member, assisted in the preparation of ECNs, FCRs, and DCRs for maintenance work packages.

September 1978
to
September 1980

TVA, Chemical Engineer, Energy Demonstrations & Technology (ED&T) - Assisted Senior Research and Development engineers with economic, thermodynamic, and feasibility studies of various synfuel processes (e.g., coal liquefaction and gasification, biomass, fuel cells, cogeneration, etc.). Also included was the projection of data from pilot plant or bench scale to determine attributes and facilities of full-scale industrial plants. Kept abreast of novel energy processes and concepts by reading research journals and reports (e.g., DOE, EPRI, ORNL, etc.).

HH000189

August 1977
to
August 1978

Attended Christian Brothers College and studied chemical engineering as a full-time student.

July 1973
to
August 1977

Delta Oil Refining Company, Memphis, Tennessee; Chemist. Performed all aspects of final analytical testing (ASTM) on intermediate and finished products (e.g. gasolines, crudes oils, distillates, asphalts, process and waste waters, etc.). Worked full-time as the evening shift chemist and studied chemical engineering (part-time) during the day.

October 1972
to
April 1973

Commonwealth of Kentucky, State Highway Dept., Frankfort, Ky.; Civil Engineering Aide (part-time). Assisted state civil engineers study, plan, and implement construction of interstate highways (e.g., I-64) and state routes throughout Kentucky, with field trips included.

COLLEGE
SUMMER
WORK

Maintenance Department, Christian Brothers College, Memphis, Tennessee (1978)
Substitute Teacher, Memphis City Schools, Memphis, Tennessee (1971)
Tutor/Counselor, Project Upward Bound, Kentucky State University, Frankfort, Ky. (1968)

TECHNICAL
TRAINING

TVA sponsored computer courses in IBM, TSO, SAS, VSFORTRAN & PRIDE Methodology.
Process Modeling and Computer (Dynamic) Simulation", University of Colorado (Boulder, Colorado)
Introductory Training Course for ASPEN PLUS", ASPEN Technology, Inc., (Cambridge, Massachusetts)
Advanced ASPEN Training", JSD, Inc., (Denver, Colorado)
PWR Systems Training for Engineers", Office of Nuclear Power (TVA)
BWR Systems Training for Engineers", Office of Nuclear Power (TVA)
Instructor Certification Program", Division of Nuclear Training (TVA)
Codes, Standards, and Regulatory Requirements", Division of Nuclear Training (TVA)
BWR Chemistry for STA", General Electric Corporation. (San Jose, California)
Radiochemistry Principles and Applications", General Physics Corporation, (Columbia, Maryland)
PWR Chemistry/Radiochemistry Data Evaluation and Interpretation", NUS Corporation, Pittsburgh, Pa.)
Laboratory Safety", TVA Technical Support Branch, (Muscle Shoals, AL.)
Power Plant Fundamentals For Utility Engineers", GPS Technologies (Columbia, MD)
Environmental Regulation Course", Executive Enterprises (Little Rock, Arkansas)

MANAGEMENT
TRAINING

Project Management", Georgia State University, (Atlanta, Georgia)
Supervisor Development Course", Management Training, Nuclear Personnel Division (TVA)
Performance Monitoring and Feedback", Management Training, Nuclear Personnel Division (TVA)
Managing Upward", Management Training, Nuclear Personnel Division (TVA)
Management Concepts and Practices", Management Training, Nuclear Personnel Division (TVA)
Supervisory Safety Training", Management Training, Nuclear Personnel Division (TVA)
Problem Solving & Decision Analysis (Kepnor Tregore)", Management Training (TVA)
The Management Course - Unit I: The Art Of Management", AMA (Hilton Head, SC)

PROFESSIONAL
ACTIVITIES

Member of AIChE (Chairman of Local Chattanooga Chapter), Chattanooga Engineers Club, NTA, NOBCCChE

LICENSE

EIT (Tennessee)

PUBLICATION

COMPUTER SIMULATION OF A CLAUS SULFUR RECOVERY PROCESS

PERSONAL

██████████ Married ; Height 5 ft. 11 in.; Weight 180 lbs.

REFERENCES

Furnished upon request

HH000190

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: Gary Piser

Date: 9/22/94

Questions

Score

1. Summarize your background/work experience as it relates to this position. 10
2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. 9
3. Provide your definition of corporate support, corporate oversight, and their relationship. 10
4. What do you see as the main role for this position? 10
5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? 8
6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. 8
7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? 9
8. Describe at least 2 chemistry or environmental concerns of TVAN. 8
9. Provide 3 of your strengths that you feel makes you qualified for this job. 8

80

05161

HH000191

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

1994 AUG 31

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1. Name Fiser Gary L. 2. Soc. Sec. No. [REDACTED]
 Last First Middle
 3. Present Job Title Chemistry Program Mgr. 4. Schedule and Grade (Salary Policy Employees Only) PSB
 5. Organization Chemistry Department _____

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title # 6621, Chem + Env Prot Specialist
 8. Schedule and Grade (Salary Policy Employees Only) PSB 9. Organization Chemistry + E.P.
 Department Chemistry + Ep Work Location Chattanooga

10. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, halfbrother, or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? No If "yes", list name(s), relationship(s), and position(s):

11. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you. Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

See attached Resumes.

12. If announcement specifies test requirements, have you qualified on the required test(s)? N/A

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date 8-31-94

TVA Mailing Address BR51

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Records Unit, Knoxville, through your human resource manager/officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

GARY LYNN FISER

[Redacted] Residence)

(615) 751-4955 (Work)

OBJECTIVE: To use my 21 years of experience and training in the field of chemistry and radiochemistry to help others achieve a new standard of excellence.

EDUCATION:

- July 1972-1973 University of Arkansas, Fayetteville, Arkansas
30 hours graduate level in Microbiology
- June 1972 Quachita University, Arkadelphia, Arkansas
B.S. Major: Chemistry; Minor: Biology
- June 1967 Sheridan High School, Sheridan, Arkansas
- May 1981 Louisiana State University, Baton Rouge, Louisiana
Fundamentals of Supervision Course

WORK EXPERIENCE:

TENNESSEE VALLEY AUTHORITY 1987 - 1993
Chattanooga, Tennessee

Chemistry and Environmental Superintendent, Sequoyah, April 1988 - April 1993

Responsible for forty-eight chemistry, radiochemistry, and environmental personnel. Major responsibilities included primary system chemistry and radiochemistry, secondary chemistry and feedwater chemistry control. Ensuring that radioactive effluents were within NRC and plant limits. Steam generator, condenser, condensate demineralizer, water treatment plant performance monitoring. Development of annual operating budget for the department (approximately \$4,000,000). Laboratory quality control and retraining. Ensuring that releases from the site were in compliance with the Tennessee Department of Health and Environment requirements, and the NPDES permit for Sequoyah. Also, participated in the recovery efforts leading to the successful restart of Sequoyah units one and two following an extended shutdown due to NRC safety concerns.

Chemistry Program Manager, September 1987 - April 1988

Responsible for managing the activities of Nuclear Power Chemistry Organization. Major responsibilities included providing direction and assistance to ensure consistency between site chemistry programs. Directing the development and maintenance of the Chemistry Directive and recommending changes to same. Concurrence with procedures, procedure changes, and site budgetary plans. Evaluations of the Chemistry Program, training, documentation, trends, and equipment. Directing the development of training and qualification criteria.

ARKANSAS POWER AND LIGHT 1973 - 1987
Russellville, Arkansas

Nuclear Quality Specialist, September 1986 - September 1987

Responsible for observations, surveillances, and audits for all areas of the plant, including Chemistry, Radiochemistry, Security, Corporate, Training, Design Control, and Operations.

HH000193

KANSAS POWER AND LIGHT (Continued)

Radiochemistry Supervisor, June 1979 - August 1986

Responsible for safety and training of 17 radiochemists and three supervisors. Major responsibilities included all chemistry and radiochemistry on primary systems for both B & W and C.E. units. Radioactive effluents (gaseous and liquid), ensuring that the effluents were within the U. S. NRC Technical Specifications and plant guidelines, documentation and reporting of same. Post Accident Sampling System design, construction, training, and performance checks. Gaseous Effluent Monitoring System, both normal and extended range for accident conditions. Plant Safety Committee Member. Dose Assessment Team Leader for the Emergency Response Organization.

Radiochemist, February 1974 - June 1979

Assisted in the initial setup of both the wet chemistry and radiochemistry laboratories and the radiochemistry counting room. This included initial instrument check-out, debugging, calibration, standardization, writing procedures and computer program, and setting up control/trend charts. Also, assisted in the start-up effort for C.E. PWR (Unit 2) with U-tube steam generators. Responsibilities included sampling and analysis of primary side systems and components, analyzing, trending, and reporting/documenting analytical results.

Chemist/Health Physics, August 1973 - January 1974

Responsible for obtaining primary and secondary samples in support of the start-up effort for B&W PWR (Unit 1) with OTSG's. Also, rotated into the Health Physics department for various assignments such as contamination surveys, alpha beta analysis using gas flow proportional counting equipment, gamma spectroscopy (Ge(Li) and NA(I), shielding surveys, and filing records.

BITCHITA UNIVERSITY
Arkadelphia, Arkansas

1970 - 1972

Research Assistant

Assisted Dr. Joe Nix by performing chemical analysis on the Caddo River/De Gray Reservoir. Responsible for obtaining samples, preparation of samples for chemical analysis, and performing analytical tests using gas chromatography, atomic absorption spectrophotometer, IR absorbance equipment, and selective ion electrodes.

OTHER TRAINING

- Kepner Tregoe Training in Problem Solving a Decision Analysis
- B&W Radiochemistry Course, Lynchburg Research Center
- Cardiopulmonary Resuscitation Training, Instructors Course
- Supervisory Transition Course
- Time Management
- Fundamentals of Maintenance Management
- Supervisory Practices Seminar
- Middle South Services Auditor Training Course
- Numerous computer training courses

PUBLICATIONS/PRESENTATIONS

- "Radiochemistry Quality Control - How Do You Know Your Numbers are Right?", presented at the 1984 INPO Chemistry Managers Workshop.
- "Environmental Radiological Analysis of Fish as an Indicator of Liquid Release Pathway-Model Validation," presented at the Eighteenth Midyear Topical Symposium of the Health Physics Society in January, 1985.

HH000194

INTERVIEW

Chemistry & Environmental Program Specialist (PG-8)
Announcement No. 6621

Candidate: JOM PLANO

Date: 9/28/94

Questions

Score

- | | |
|--|-----------|
| 1. Summarize your background/work experience as it relates to this position. <i>SJC Eng - SQN(7576), TUA melap/okami specialist & log of history - JOM</i> | <u>10</u> |
| 2. Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry and/or Environmental areas. <i>BFRV Chem Program/Program, Melap pl. S/u</i> | <u>6</u> |
| 3. Provide your definition of corporate support, corporate oversight, and their relationship. | <u>6</u> |
| 4. What do you see as the main role for this position? | <u>6</u> |
| 5. How flexible and receptive would you be in performing tasks in both the Chemistry and Environmental areas? How could you be effective at both? | <u>8</u> |
| 6. Describe the level of responsibility this position should have in contributing to the success of site chemistry and environmental protection. | <u>6</u> |
| 7. What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)? | <u>8</u> |
| 8. Describe at least 2 chemistry or environmental concerns of TVAN. | <u>7</u> |
| 9. Provide 3 of your strengths that you feel makes you qualified for this job. | <u>7</u> |
| | <u>64</u> |

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HH000195

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

This form is to be completed only by present TVA employees when they want to apply for an announced vacant position and should be sent to address given on announcement.

1994 AUG 17 11 13 AM

1. Name PLEVA JOSEPH M 2. Soc. Sec. No. [REDACTED]
 Last First Middle
 3. Present Job Title NUCLEAR SAFETY REVIEW BOARD ADMINISTRATOR 4. Schedule & Grade PG-9
 5. Division NUCLEAR ASSURANCE AND LICENSING Branch INDEPENDENT REVIEWS AND ANALYSIS

I wish to apply for the following vacant position:

6. Announcement Number 6621 7. Vacant Position Job Title CHEM & ENVIRON PROT SPECIALIST
 Schedule and Grade PG-8 9. Division OPERATIONS SERVICES Branch _____
 Section CHEM & ENVIRON PROTECTION Work Location CHATTANOOGA
 10. If you are a union member, give name of union and local number or section N/A

11. Do you have a father, mother, son, daughter, brother, sister, uncle, aunt, nephew, niece, husband, wife, first cousin, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half-brother or halfsister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on reverse side.

12. Describe below education, training, and/or experience which you feel qualify you for this position. If you are a salary policy employee, attach copies of your four most recent Employee Service Reports (TVA 3031). Check here if you want them returned to you . Obtain copies from your division personnel office if necessary. (If additional space is needed, use reverse side)

SEE ATTACHED RESUME

13. If announcement specifies test requirements, have you qualified on the required test(s)? _____

I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [Signature] Date August 15, 1994
 TVA Mailing Address BR 41-C HH000196

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to Personnel Files, Knoxville, through your division personnel officer, and should include a sworn statement similar to that above, unless the information is in the form of a certificate or similar document.

Joseph M. Pleva

615-751-2712 Office

Education

B.S. Chemical Engineering, University of Tennessee, Knoxville, Tennessee - 1971
Registered Professional Engineer in Tennessee - 1977, license No. 11,731
Westinghouse PWR Chemistry Course
ASME Course - Radioactive Waste Management
BWR and PWR Systems Training
Dale Carnegie Public Speaking Course
Various Technical and Management Training classes
Member of ASME Code on Nuclear Air and Gas Treatment - ASME/ANSI AG-1 - 1988

Experience

TENNESSEE VALLEY AUTHORITY

September 1991
Present NSRB Administrator for Sequoyah Nuclear Plant and Principle Nuclear Reviewer. Duties were similar to the Watts Bar position. Other duties included: Providing NSRB required oversight for all Technical Specification changes and chairing the safety assessment and safety evaluation subcommittee which oversees the SQN 50.59 program. Assisted in special reviews requested by senior management.

January, 1991 -
September 1991 Nuclear Safety Review Board Administrator for Watts Bar Nuclear Plant. Implemented the off site Nuclear Safety Review Program as required by site technical specifications. This included performing independent safety reviews, arranging meetings, coordinating subcommittee reviews, training members and advisors and preparing required reports for Senior Management and the TVA Board of Directors. Maintained regular contact with various senior TVA nuclear management on NRSB activities.

November 1986 -
January 1991 Assistant Manager for Employee Concern Program (ECP) Chattanooga, Tennessee. Prepared major revisions to ECP operating procedure based on first year's operating experience. Assigned as special investigator for complex employee concerns at various plant sites. Provided overall coordination and leadership in organizing and conducting the ECP conference in which 40 nuclear sites were represented.

June 1986 -
October 1986 Assistant Manager for ECP at the Browns Ferry Nuclear Plant, Athens, Alabama. Received, investigated, evaluated, reported on and responded to employee concerns in various technical (civil, electrical, mechanical, etc.) and personnel matters. This included recommending solutions to senior managers for corrective action.

August 1985 -
June 1986 Senior Project Engineer, Browns Ferry Nuclear Plant, Athens, Alabama. Responsible for upgrading all plant engineering procedures (nuclear, mechanical, chemical, etc.). Assigned as Project Manager on the installation of a Wide Range Gaseous Effluent Monitoring System which was needed to meet NU REG 0737 requirements. In addition, supervised three experienced Project Engineers.

February 1984 -
August 1985 Project Engineer, Browns Ferry Nuclear Plant, Athens, Alabama. Functioned as an internal consultant to the plant to ensure that all regulatory deficiencies (NRC, INPO, etc.) were identified. A Chemistry Improvement Plan with 149 action plans was developed and implemented onsite. This included working with the plant chemical unit supervisor in areas of chemistry, radiochemistry, radiation monitoring, water treatment systems, process instrumentation, and other related areas.

HH000197

Resume
Joseph M. Pleva

January 1980 -
February 1984

Chemical Engineering Supervisor, Chattanooga, Tennessee. Responsible for all corporate chemical engineering support for the nuclear power program. This involved engineering support for the nuclear power program. This involved coordination of major chemical engineering programs, development of chemical engineering standards based on various industry and regulatory requirements, and the analysis of plant chemical processing system performance so that maximum safety, economy, efficiency, and availability of generating units was achieved. Worked as utility representative in the development of EPRI BWR Water Chemistry Guidelines.

October 1977 -
December 1979

Senior Chemical Engineer, Chattanooga, Tennessee. Functioned as principal consulting engineer for operation of radwaste water processing equipment for all TVA nuclear plants. Other system engineering responsibilities were: sodium hypochlorite, condensate demineralizers, water clarification and makeup demineralization, and offgas system. Successfully completed a 1-week course on both BWR and PWR operation which included simulator and plant system training. Represented TVA on an ASME subcommittee on testing on offgas systems.

March 1974 -
September 1977

Chemical Engineer, Sequoyah Nuclear Plant, Soddy-Daisy, Tennessee. Served as lead engineer on startup and subsequent operation of water treatment systems and auxiliary boilers. Prepared plant instructions for liquid and gaseous radwaste releases, radiation monitoring systems, ventilation equipment, radiochemical laboratory instrumentation, and plant water chemistry specifications. Taught classes in plant systems and water chemistry to operations and engineering personnel.

December 1972 -
February 1974

Chemical Engineer, Chattanooga, Tennessee. Served as consultant to fossil plants on minimizing corrosion problems and supervised startup of new water treatment plants and demineralizer systems.

August 1971 -
September 1972

Chemical Engineer, Cumberland Steam Plant, Cumberland City, Tennessee. Solved various problems encountered during plant startup. These areas included chemical cleaning, makeup water treatment system, condensate demineralizers, sewage plant, process instrumentation, and analytical chemistry methods.

Summer 1970 -
Summer 1967

Chemical Engineering Aide, Shawnee Steam Plant. Assisted senior chemical engineer on evaluation of flue gas scrubbing process by injecting limestone directly into the boiler. Chemical Engineering Aide, Chattanooga, Tennessee. Performed various laboratory analyses and air quality tests at research laboratory to determine the optimum method of scrubbing sulfur and nitrous oxides from fossil plant flue gas. Mechanical Engineering Aide, Chattanooga, Tennessee. Performed precipitator and condenser efficiency tests at various fossil fueled plants. Evaluated data to determine whether equipment operated as guaranteed by vendor. Ironworker, Nickajack Dam. Worked as ironworker in fabrication shop.

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