RAS 5936 50-390-CIVP, et.al. Joint Exhibit 20- Recd 5/1/02

NUCLEAR REGULATORY COMMISSION

Docket No. 50-390 Official Exh. No. Joint 20
In the matter of TVA

Staff	✓	IDENTIFIED	✓
Applicant	✓	RECEIVED	✓
Intervenor		REJECTED	
Other		WITHDRAWN	
DATE	5/1/02	Witness	
Clerk	BHM		

VPAS (10702) (10703) (10705) (10706) (10707)
BOOK 1 OF 4

Joint Exh. 20

SECY-02

Template = SECY-028

VPAS (10702) (10703) (10705) (10706) (10707)
BOOK 1 OF 4

SELECTION REVIEW BOARD
CORPORATE RADIOLOGICAL AND CHEMISTRY CONTROL

Thursday, July 18, 1996
BR 3N B01, Indian Creek Conference Room

Program Manager, PG-8 Positions:
Chemistry (BWR), VPA # 10702
Chemistry (PWR), VP # 10703
Rad Control (Programmatic), VPA # 10705
Rad Control (Tech Support), VPA # 10706
Radwaste/Environ Prot, VPA # 10707

H. R. (Rick) Rogers

Phone # in the conference room x4556

July 12, 1996

Those listed below

RAD/CHEM PEER GROUP MEETING ON JULY 18, 1996

The next Rad/Chem Peer Group Meeting will be Thursday, July 18 beginning at 8 a.m. (EDT) in Chattanooga at BR 3N B01, the Indian Creek Conference Room.

Attached is a "draft" agenda.

Wilson McArthur

John M. Corey
Rad/Chem Peer Group Leader
POB 2H-BFN (faxed)

Ben Easley, LP 3A-C
Bob Birchell, LP 3B-C
Jack Cox, MOB 2U-WBN (faxed)
Ron Grover, BR 5D-C
Charles Kent, POB 2C-SQN (faxed)
Wilson McArthur, BR 5D-C
Tom McGrath, LP 3B-C
Corporate Radiological & Chemistry Control, BR 5D-C

WCM:SME

Attachment

c:\RadChem\Sheila\Misc.doc

GG000002

Activity confirmation #48522

"DRAFT" AGENDA

RAD/CHEM PEER GROUP MEETING

THURSDAY, JULY 18, 1996 - CHATTANOOGA

1) REXS - Re-Engineering Status

2) Actions From Guntersville Meeting

- Develop TVAN-wide Rad/Chem Strategy and Goals through FY 2001 by 8/31/96. From these, onsite specific goals should emerge.

- Develop a cascading communication plan which includes supporting goals and expectations. Ties to performance appraisals and report cards should be established. Roll out during 4th quarter FY 96.

- Select the next 3 priority processes for redesign, standardization, and/or work elimination. Due 7/31/96.

3) Procedures Standardization

a\PeerGrp.doc

Date: July 18, 1996

starts at Noon

INTERVIEW SCHEDULE

12:00-12:30pm.....Board Preparation

12:30- 1:15pm.....Gary L. Fiser (PWR)

1:15- 2:00pm.....Sam L. Harvey (PWR and BWR)

2:00- 2:45pm.....E. S. Chandrasekaran (PWR and BWR)

2:45- 3:30pm.....Hubert H. Huie (BWR)

3:30- 4:15pm.....John C. Traynor (BWR and Radwaste/Env)

4:15- 5:00pm.....Diedre B. Nida (Radwaste/Env)

5:00- 5:45pm.....Lenon J. Riales (Programmatic and Radwaste/Env)

5:45- 6:30pm.....John L. Lobdell (Programmatic and Technical Support)

6:30- 7:15pm.....James A. Flanigan (Programmatic)

7:15- 8:00pm.....Regis M. Nicoll (Technical Support)

FOOD & DRINK FOR THURSDAY, JULY 18, 8am - 8pm

7:30

8am for 11 people--South Holston Continental, $3.95 pp (carafes of orange and cranberry juice, ice water, coffee, decaf coffee, hot tea, assorted pastries & muffins, butter & preserves)

pick up at 11

$43.45

9:30am for 11 people: coffee--1 liter* (8 cups) of regular $5.50
1 liter* (8 cups) of de-caf $5.50

$11.00

deliver at 11 am

11:30am for 11 people--Lookout Pasta Bar (assorted chef choice pasta & italian sausage, marinara sauce, meat sauce, or alfredo sauce, lasagna, fresh tossed green salad with dressings, garlic bread, chef choice of dessert), $7.95)--this include tea or assorted sodas & appropriate condiments

$87.45

pick up at 2pm

3pm for 5 people--coffee--1 liter* (8 cups) of regular $5.50
1 liter* (8 cups) of de-caf $5.50
for 5 people--Homemade gourmet cookies, assortment, 1 dozen, $6.00

$17.00

gallon

5pm (I wanted 6pm but the latest they will do is 5pm)
for 5 people--coffee--1 ~~liter* (8 cups)~~ of regular ~~$5.50~~
1 liter* (8 cups) of de-caf $5.50

$11.00

6pm Dinner from Steak-Out (629-8834), for 5 people
2 Ribeye Steak Sandwiches $6.45 ea--includes tax $12.90
3 Grilled Chicken Fillet Sandwiches, $5.20 ea--includes tax.....$15.60
(the sandwiches come with potato chips)
5 ice tea, $1.00 each--includes tax.....$ 5.00
TOTAL FOR STEAK-OUT IS.....$33.50
tip.....5.00
TOTAL WITH TIP IS.....$38.50

$208.40

GG000005

*Note: a "liter" is the smallest size they have

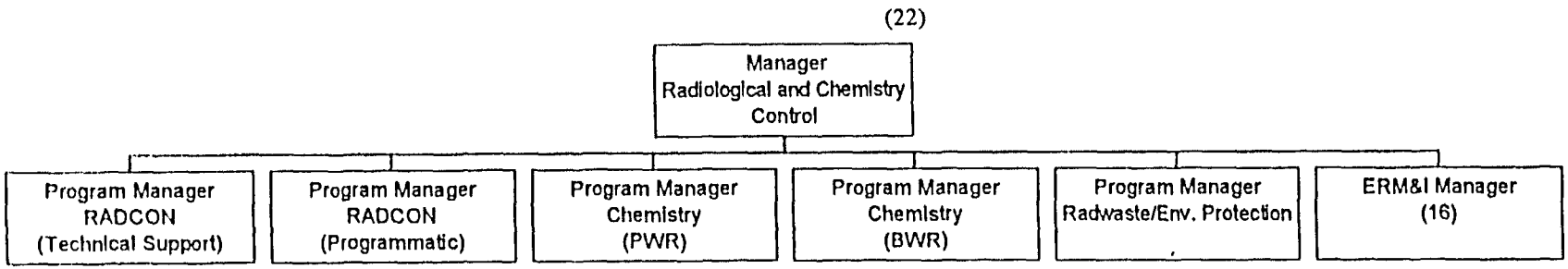
angela Moore x2702

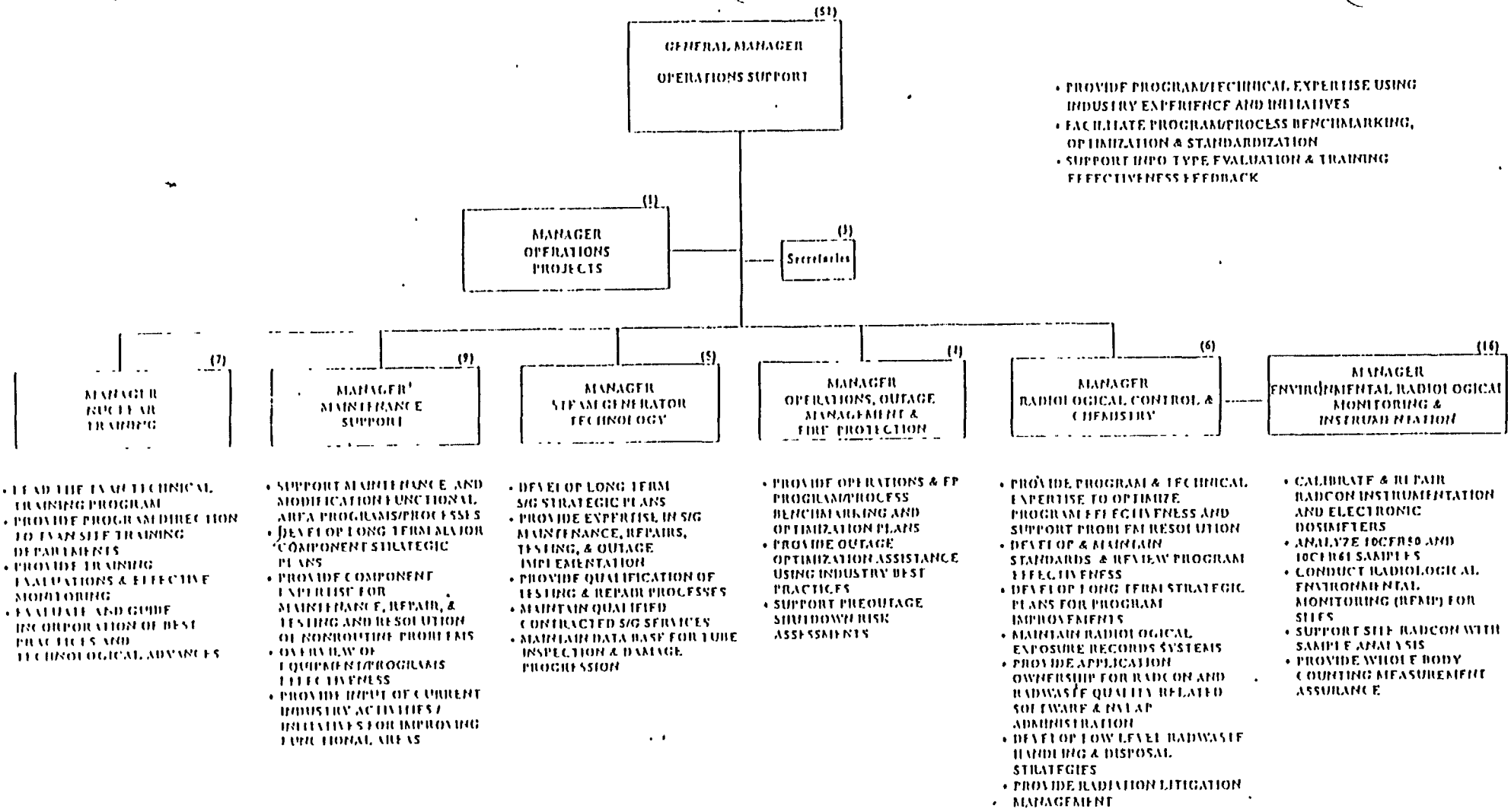
Harvey
235.7

Echeandia
235.5

RADIOLOGICAL AND CHEMISTRY CONTROL
ORGANIZATION AND ACCOUNTABILITIES

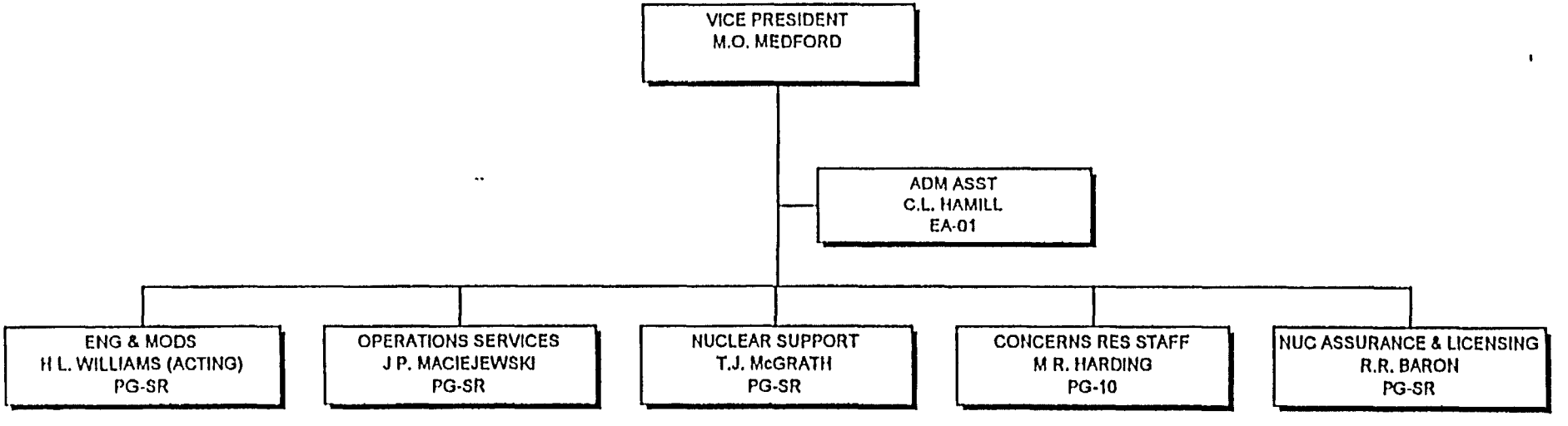
- Radchem program mgt
- Multi-site contract administration
- Multi-site software administration
- Site self assessment support
- Industry benchmarking
- Radchem training monitoring and oversight
- Facilitate consistency/standardization between sites
- Technical support
- Instrument calibration/repair
- Environmental monitoring program
- Rad. lab analysis




(51)
GENERAL MANAGER
OPERATIONS SUPPORT
• PROVIDE PROGRAM/TECHNICAL EXPERTISE USING INDUSTRY EXPERIENCE AND INITIATIVES
• FACILITATE PROGRAM/PROCESS BENCHMARKING, OPTIMIZATION & STANDARDIZATION
• SUPPORT INPO TYPE EVALUATION & TRAINING EFFECTIVENESS FEEDBACK
(1)
MANAGER OPERATIONS PROJECTS
(1)
Secretaries
(7)
MANAGER NUCLEAR TRAINING
• LEAD THE INPO TECHNICAL TRAINING PROGRAM
• PROVIDE PROGRAM DIRECTION TO EVANSTEE TRAINING DEPARTMENTS
• PROVIDE TRAINING EVALUATIONS & EFFECTIVE MONITORING
• EVALUATE AND GUIDE INCORPORATION OF BEST PRACTICES AND TECHNOLOGICAL ADVANCES
(9)
MANAGER MAINTENANCE SUPPORT
• SUPPORT MAINTENANCE AND MODIFICATION FUNCTIONAL AREA PROGRAMS/PROCESSES
• DEVELOP LONG TERM MAJOR COMPONENT STRATEGIC PLANS
• PROVIDE COMPONENT EXPERTISE FOR MAINTENANCE, REPAIR, & TESTING AND RESOLUTION OF NONROUTINE PROBLEMS
• OVERVIEW OF EQUIPMENT/PROGRAMS EFFECTIVENESS
• PROVIDE INPUT OF CURRENT INDUSTRY ACTIVITIES / INITIATIVES FOR IMPROVING FUNCTIONAL AREAS
(5)
MANAGER STEAM GENERATOR TECHNOLOGY
• DEVELOP LONG TERM S/G STRATEGIC PLANS
• PROVIDE EXPERTISE IN S/G MAINTENANCE, REPAIRS, TESTING, & OUTAGE IMPLEMENTATION
• PROVIDE QUALIFICATION OF TESTING & REPAIR PROCESSES
• MAINTAIN QUALIFIED CONTRACTED S/G SERVICES
• MAINTAIN DATA BASE FOR TUBE INSPECTION & DAMAGE PROGRESSION
(4)
MANAGER OPERATIONS, OUTAGE MANAGEMENT & FIRE PROTECTION
• PROVIDE OPERATIONS & FP PROGRAM/PROCESS BENCHMARKING AND OPTIMIZATION PLANS
• PROVIDE OUTAGE OPTIMIZATION ASSISTANCE USING INDUSTRY BEST PRACTICES
• SUPPORT PREOUTAGE SHUTDOWN RISK ASSESSMENTS
(6)
MANAGER RADIOLOGICAL CONTROL & CHEMISTRY
• PROVIDE PROGRAM & TECHNICAL EXPERTISE TO OPTIMIZE PROGRAM EFFECTIVENESS AND SUPPORT PROBLEM RESOLUTION
• DEVELOP & MAINTAIN STANDARDS & REVIEW PROGRAM EFFECTIVENESS
• DEVELOP LONG TERM STRATEGIC PLANS FOR PROGRAM IMPROVEMENTS
• MAINTAIN RADIOLOGICAL EXPOSURE RECORDS SYSTEMS
• PROVIDE APPLICATION OWNERSHIP FOR RADCON AND RADWASTE QUALITY RELATED SOFTWARE & INTAP ADMINISTRATION
• DEVELOP LOW LEVEL RADWASTE HANDLING & DISPOSAL STRATEGIES
• PROVIDE RADIATION LITIGATION MANAGEMENT
(16)
MANAGER ENVIRONMENTAL RADIOLOGICAL MONITORING & INSTRUMENTATION
• CALIBRATE & REPAIR RADCON INSTRUMENTATION AND ELECTRONIC DOSIMETERS
• ANALYZE 10CFR50 AND 10CFR61 SAMPLES
• CONDUCT RADIOLOGICAL ENVIRONMENTAL MONITORING (REMP) FOR SITES
• SUPPORT SITE RADCON WITH SAMPLE ANALYSIS
• PROVIDE WHOLE BODY COUNTING MEASUREMENT ASSURANCE

TVA NUCLEAR
TECHNICAL SUPPORT

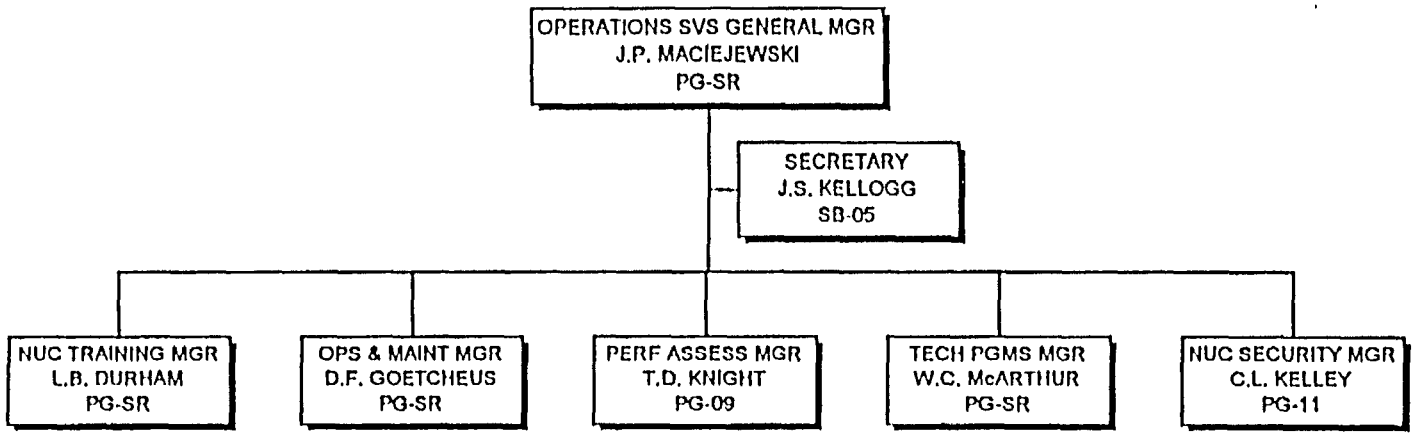
Authorized headcount	8
Actual headcount	8
Number of vacancies	0
Non-Nuclear headcount	0



04/20/94
TSMED

TVA NUCLEAR
OPERATIONS SERVICES

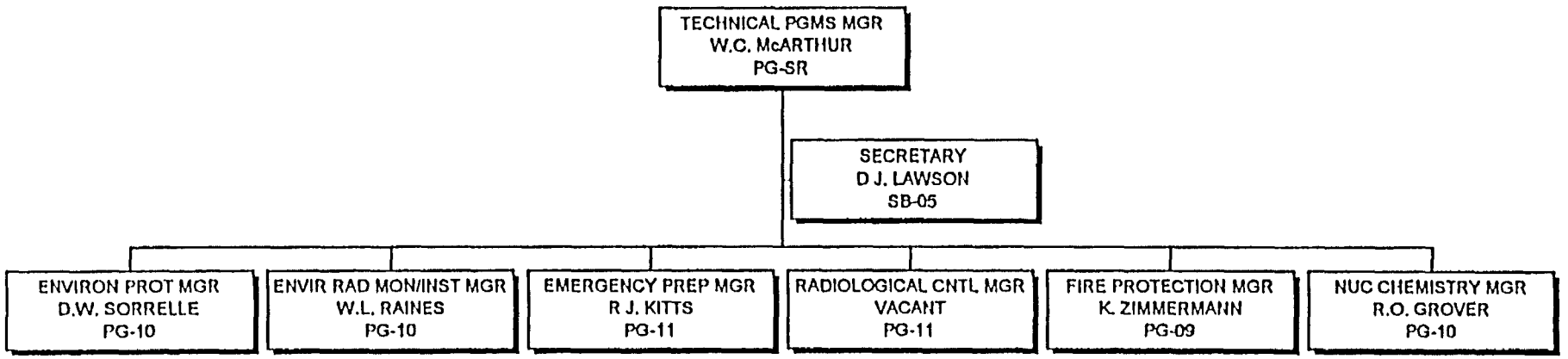
Authorized headcount	127
Actual headcount	117
Number of vacancies	10
Non-Nuclear headcount	0



04/15/94
OPSGM

TVA NUCL
TECHNICAL SUPPORT
OPERATIONS SERVICES
TECHNICAL PROGRAMS

Authorized headcount	62
Actual headcount	61
Number of vacancies	1
Non-Nuclear headcount	0

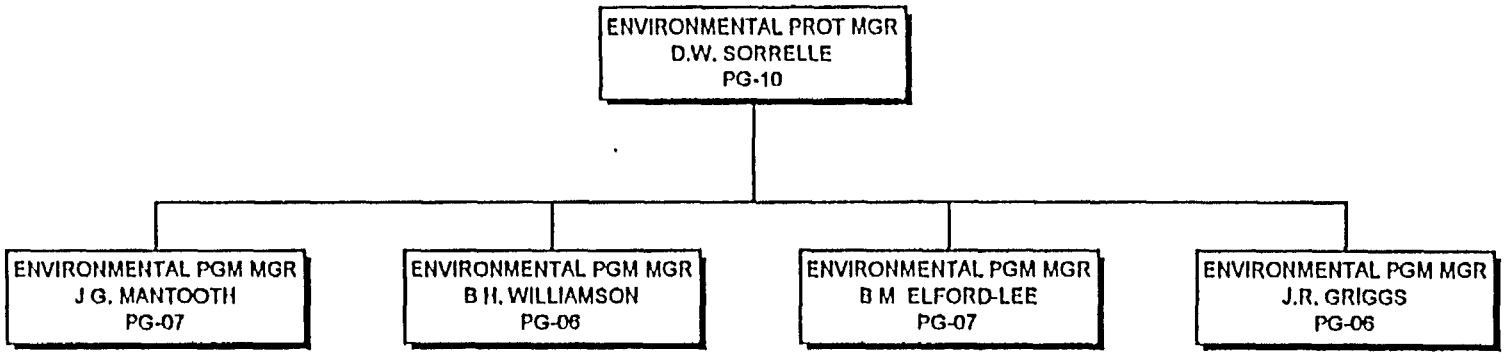


GC000011

04/15/94
OPSTECH

TVA NUCLEAR
OPERATIONS SERVICES
ENVIRONMENTAL PROTECTION

Authorized headcount	5
Actual headcount	5
Number of vacancies	0
Non Nuclear headcount	0

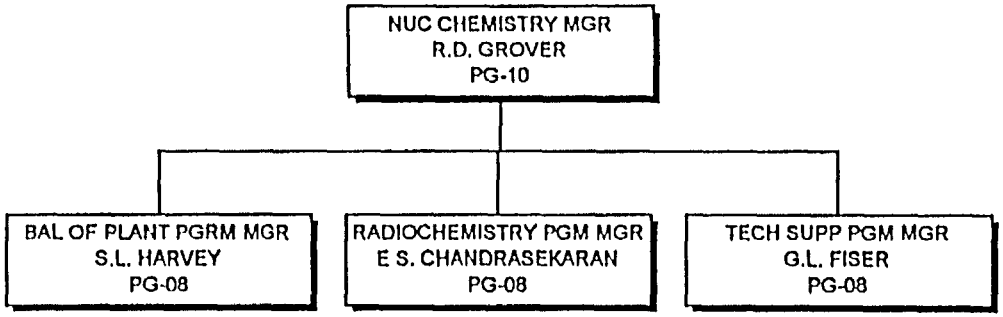


GG000012

05/09/94
OPSNVPRO

TVA NUC .R
OPERATIONS SERVICES
NUCLEAR CHEMISTRY

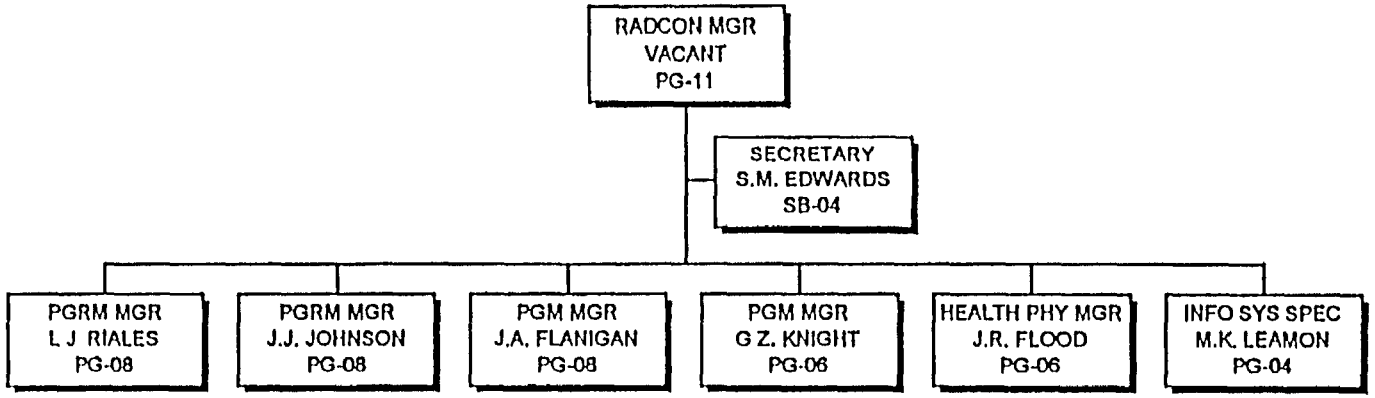
Authorized headcount	4
Actual headcount	4
Number of vacancies	0
Non-Nuclear headcount	0



04/20/94
OPSCHEM

TVA NUCLEAR
OPERATIONS SERVICES
RADIOLOGICAL CONTROL

Authorized headcount	8
Actual headcount	8
Number of vacancies	0
Non-Nuclear headcount	0



CC0000014

04/15/94
OPSRAD

ENVIRONMENTAL RADIOLOGICAL MONITORING AND INSTRUMENTATION
ORGANIZATION AND ACCOUNTABILITIES

ERM&I Value Adds
- *REDUCE DEMANDS ON SITE PERSONNEL*
- *REDUCE COST THROUGH CONSOLIDATION OF SERVICES*
- *INCREASE EFFECTIVENESS AND EFFICIENCY OF RADCON PROGRAM*
- *DOCUMENTATION OF ENVIRONMENTAL RADIOLOGICAL EFFECT*

Senior V. P. Nuclear Pwr. O D. Kingsley, Jr. (acting)

V.P. Technical Support M O. Medford

Gen. Manager Ops. Services J.P. Maciejewski

Manager Technical Programs W.C. McArthur

(20) Environmental Radiological Monitoring & Instrumentation W.L. Raines

D B. Chason
- Secretary

Instrumentation Calibration, Repair & Control J L. Lobdell
- Calibration & Repair for RADCON Instruments
- Technical Support & Oversight for RADCON Instrumentation
- Processing of Environmental & Administrative TLD Badges

Program Manager R D. Colvett
- Technical Direction for TLD Processing
- Programmatic & Technical Oversight for ERM&I Data Base System
- Oversight of ERM&I QA Program

Health Physicist R G Wallace
- Design & Review of Environmental Radiological Monitoring Programs
- Preparation of Annual Reports

Laboratory
- Conduct Environmental Radiological Monitoring Programs
- Radiological Analysis Services for Site RADCON Programs

(1) **TLD Processing Service**
- Processing of TLD Badges for Non Site Personnel
- Processing of Environmental TLD Badges
- Processing of TLD Badges Provided to TEMA

(5) **Instrument Repair and Calibration**
- Repair and Calibration of Portable RADCON Instruments
- Recalibration and Maintenance of WARL Calibration sources and Facility
- Recalibration of Site Check Sources

(5) **Sample Collection and Wet Chemistry**
- Collection of Radiological Environmental Monitoring Samples
- Analysis of Radiological Environmental Monitoring Samples
- Analysis of Samples From Site RADCON for Bioassay and Contamination Characterization

(1) **Laboratory Quality Control**
- Conduct ERM&I Lab Quality Control Program
- Coordination of Interlaboratory QC Program With EPA
- Coordination of Split Sample Program With State RAD Health
- Coordination of WBC MQA Program

(3) **Nuclear Counting and Spectroscopy**
- Operation of ERM&I Counting Labs
- Operation of the REP Mobile Gamma Screening Van
- Technical Support In Nuclear Counting and Spectroscopy

8/9/93

GG000015

EMERGENCY PREPAREDNESS

ORGANIZATION AND ACCOUNTABILITIES

Senior V.P. Nuclear Pwr. — O D Kingsley, Jr (acting)

V.P. Technical Support — M O. Medford

Gen. Manager Ops. Services — J P. Maciejewski

Manager Technical Programs — W.C. McArthur

Emergency Preparedness Value Adds

- *IMPROVE EFFICIENCY & EFFECTIVENESS OF PRODUCTS & CONSISTENT PROGRAMMATIC OPERATIONS WITHIN TVA*
- *REDUCE THE LEVEL OF RISK TO TVA EMPLOYEES AND GENERAL PUBLIC*
- *IMPROVE OUR REGULATORY AND INDUSTRY STATURE*
- *ASSIST & IMPROVE OFFSITE NON-TVA EMERGENCY RESPONSE*

(12)

Manager Emergency Preparedness — R.J. Kitts

D J. Lawson
- Secretary

Manager, State & Local Programs — F. M. Daniel

- Develop State & Local REP Contracts
- State & Local REP Training Support
- State/Local Response Org Interface
- Communication/Public Info Interface
- Readiness of Offsite Non TVA Facilities
- State/Local Communication Systems
- State/Local Exercise Interface
- Program Evaluation Guidance, & Assistance
- Tracks/Responds to Legislative Comments
- Offsite REP Regulatory Compliance
- Budget Compliance
- Serves as CECC Staff Member
- Manages Activities of Staff

Program Manager — K. B. Giggy

- State/Local Response Org Interface
- State/Local Offsite REP Training
- Interface with TVA's Communication/Public Information Program
- Coordinates the Emergency Public Information
- Assists State/Local Agencies in Offsite Non TVA Emergency Facilities
- State/Local REP Communications Systems
- Coordinates Exercise Development with State/Local Agencies
- Offsite REP Program Evaluations/Recommendations
- Provides Response to Legislative Comments
- Coordinates State Plans with TVA REP
- Coordinates Offsite Maps & Evacuation Routes & Signs
- Serves as CECC Staff Member

Manager, EP Program Planning & Implementation — B. K. Marks

- Programmatic/Technical Direction
- Technical Interface with NRC, INPO etc
- Program Standardization & Consistency
- Regulatory & Programmatic Compliance
- Manages Activities of the Staff
- Budget Compliance
- CECC Director and/or Technical Advisor
- Manages the ERDS Program
- Direct Site Assistance

Project Engineer — J J Chenkus

- Prompt Notification Systems Owner for Each Site
- EP Notification Systems (Paging, Procedures, etc)
- Maintains the CECC
- Provides Oversight of all Offsite Emergency Response Facilities
- Defines Emergency Communications & Data Systems Requirements
- Implements Required Testing & Maintenance Programs for Emergency Facilities
- Develops Operational Aids for Emergency Response Facilities
- Maintains EP Related Maps in CECC
- Integrates REP with Security Plans/Procedures
- Serves as CECC Staff Member

Program Manager — C. D. Pond

- Hospital & Ambulance Service Interface
- Radiological Aspects of Medical Emergencies
- Develops Emergency Medical Drills
- Environmental Monitoring Vans
- Defines Requirements for Emergency Dose Methodologies & Meteorological Support
- TVA Stockpile/Inventory of Potassium Iodide (KI)
- Maintains Emergency Environmental Monitoring Equipment/Instruments
- Conducts Medical Emergency Response Team (MERT) Training
- Coordinates the Site Emergency Medical Program
- Serves as CECC Staff Member

Program Manager — L. W. Smith

- Defines Requirements for the EP Training Program
- NP EP Training Manual
- Conducts Training Needs Analysis
- Lesson Plans for Offsite Training Program
- Offsite TVA Emergency Response Organization
- Maintains Training Documentation
- EP Activities Management Tracking System
- Maintains the NP REND
- CECC Drill Program
- Serves as CECC Staff Member

Program Manager — T. E. Adkins

- Development and Maintenance of the NP REP & EPIP's
- Conducts Internal EP Programmatic Self Assessments
- Coordinates Emergency Action Levels
- Protective Action Guides & Protective Action Recommendation Criteria
- EP Programmatic Procedures (Directives Standards, etc.)
- Corrective Actions Of NRC, QA, INPO, etc Review Findings
- Site Support for Onsite EP Programs
- Serves as CECC Staff Member
- Implementation of the EP QA Program

Manager, EP Exer & Special Proj — C. T. Benton

- Management of Scenario Development
- Compliance with Federal/State Regulations
- Technical Assistance to EP Manager
- CECC Staff Member
- Regulatory Agencies Technical Interface
- Exercise Development/Implementation

Project Engineer — J. R. Ford

- Develops Exercise & Drill Scenarios
- Calculates Technical Scenario Data
- Technical Support for Onsite Drills
- Lead Controller/Evaluator for Exercises
- Computer Model for Scenario Data
- Coordinates Scenario Development Teams
- Development of Exercise Mock ups
- Serves as CECC Staff Member

Project Engineer — K K. King

- Develops Exercise & Drill Scenarios
- Calculates Technical Scenario Data
- Technical Support for Onsite Drills
- Lead Controller/Evaluator for Exercises
- Computer Model for Scenario Data
- Coordinates Scenario Development Teams
- Development of Exercise Mock ups
- Serves as CECC Staff Member

8/5/93
ORGCHT.PRE

GG000616

RADIOLOGICAL CONTROL

ORGANIZATION AND ACCOUNTABILITIES

Radiological Control Value Adds

- *IMPROVE REGULATORY PERFORMANCE*
- *REDUCE COSTS*
- *REDUCE POTENTIAL FOR EXPOSURE LIABILITY*
- *INCREASE STANDARDIZATION*
- *IMPROVE PROCESSES*

(8)

Manager RADCON
C G Hudson

S M. Edwards (share with Chem & Envr)
- Secretary

Program Manager
L J Rinles
- Radwaste Program Manager
- RADMAN Software Owner
- RMSM Owner
- Outage Support

Program Manager
J.J. Johnson
- Field Ops Program Mgr
- ALARA Program Mgr
- Byproduct Materials
- NP STD 5 2,5 3 & 5 4 Owner

Program Manager
J A. Flanigan
- Ext Dosimetry Prog Mgr
- NVLAP Technical Director
- TLDAS Software Owner
- Multisite Contracts

Program Manager
G Z. Knight
- Radwaste Support
- Radwaste Training
- Multisite Contracts
- Outage Support

Senior Health Phy
J R. Flood
- MQA Program Owner
- Dosimetry Procedure Owner
- External Dosimetry Projects
- RADCON Budget

Info Systems Specialist
M K Lennon
- Issue Termination/Exposure Letters
- REXS Database Verification
- Outage Support
- Exposure Records Retrieval
- REXS Software Owner

Senior V. P. Nuclear Pwr.
O.D. Kingsley, Jr (acting)

V.P. Technical Support
M O. Medford

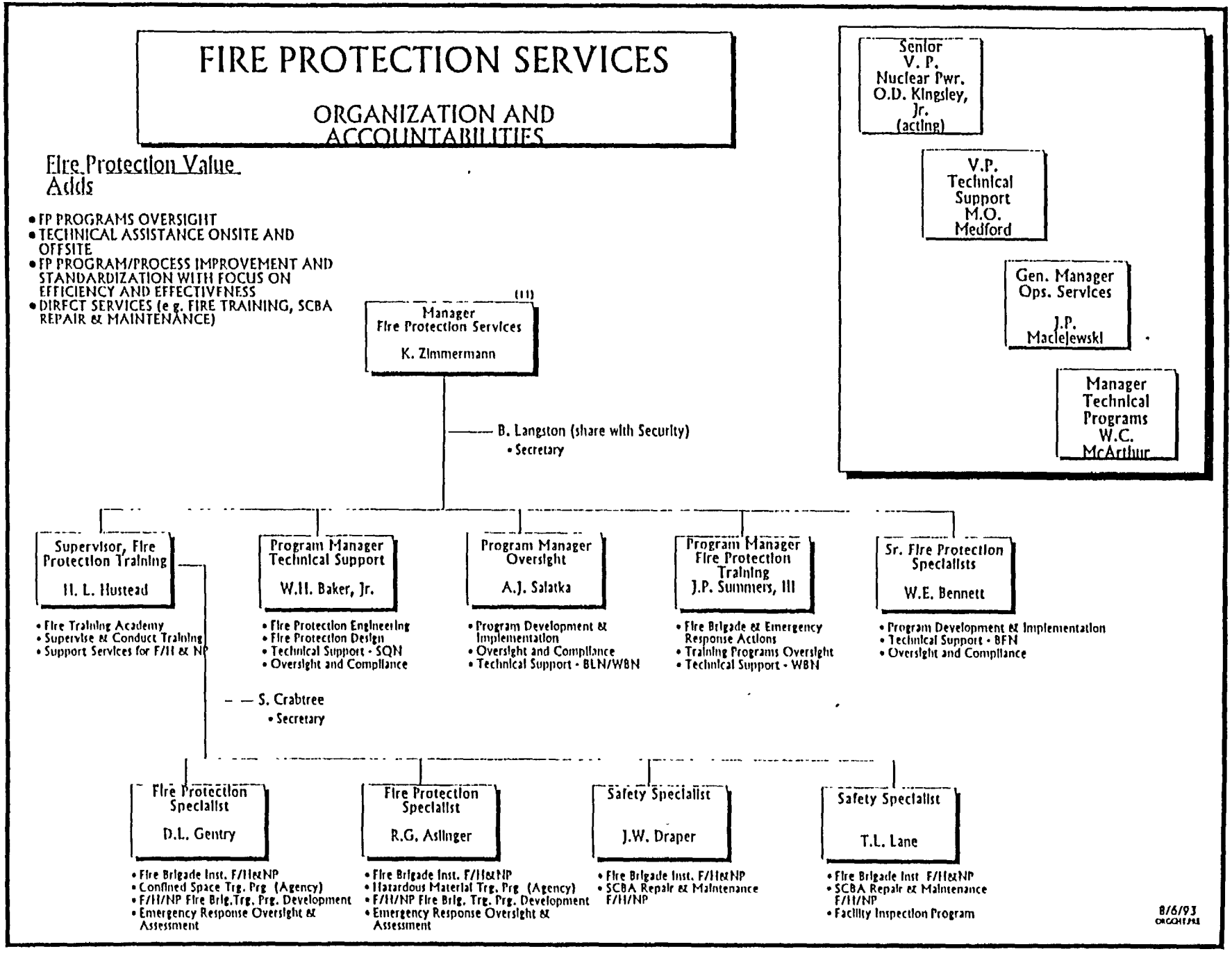
Gen. Manager Ops. Services
J P Maclejewski

Manager Technical Programs
W C. McArthur

8/4/93

FIRE PROTECTION SERVICES

ORGANIZATION AND ACCOUNTABILITIES



NUCLEAR CHEMISTRY

ORGANIZATION AND ACCOUNTABILITIES

Senior V. P. Nuclear Pwr. O D. Kingsley, Jr. (acting)

V.P. Technical Support M.O. Medford

Gen. Manager Ops. Services J.P. Maclejewski

Manager Technical Programs W.C. McArthur

Chemistry Value Adds

- *CONDUCT SITE / FACILITY ASSESSMENTS*
- *INCREASE MONITORING AND FEEDBACK*
- *INCREASE EFFICIENCY THROUGH STANDARDIZATION*
- *REDUCE COSTS*
- *REDUCE RISK / EXPOSURE TO ENVIRONMENT, PUBLIC, AND WORKERS*
- *IMPROVE PLANT / EQUIPMENT OPERABILITY AND AVAILABILITY*
- *IMPROVE TECHNICAL DEPTH AND QUALITY*

(1)

Manager Nuclear Chemistry

(vacant)

Program Manager Balance Of Plant

S L. Harvey

- Secondary Chemistry
- On line / Bench Instrumentation
- Analytical Working Group
- Steam Gen Chemistry Programs
- Methods Development
- Data Review
- CECC Support
- Westinghouse PIP
- Audit Support
- Oversight / Assessment
- EPRI S/G Chemistry Rep
- Service Water Treatment Program
- Analytical Chemistry
- EPRI Secondary Chemistry Rep
- EPRI SWAP Coordinator
- Balance of Plant Chemistry
- Zinc Injection
- Water Treatment

Program Manager Radiochemistry

E S. Chandrasekaran

- Hydrogen Water Chemistry
- Radiation Monitors
- Radioanalytical Working Group
- Source Term Reduction
- RadWaste
- Gamma Scans
- Reactor Coolant Chemistry
- Radioactive Effluents
- Fuel Performance
- EPRI Radiochemistry Rep
- Chemical Cleaning / Decon
- Audit Support
- CFCC Support
- Scenario Development
- Data Review
- Methods Development
- GE PIP

Program Manager Technical Support

(vacant)

- Software Control Program
- Countroom QC Standardization
- Bulk Chemical Contracts
- Inter / Intra Laboratory QC Program
- Polisher Performance
- Cooling Tower Program
- Resin / Ion Exchange
- Specification Development
- Chemical Traffic Control

CO-Op Student Chemistry

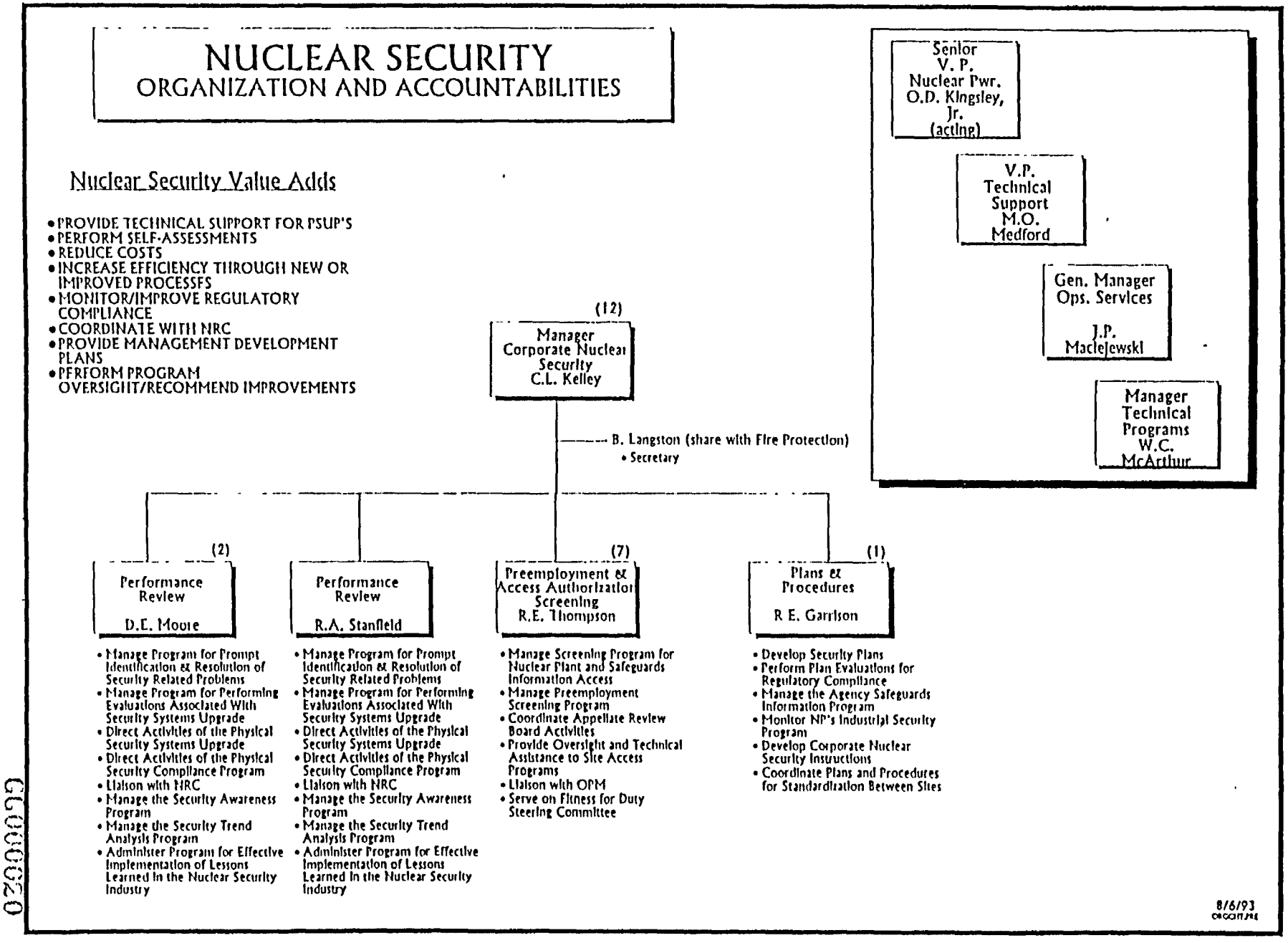
(vacant)

- Special Projects
- Oversight / Assessment
- Training

8/10/93

CC0000619

NUCLEAR SECURITY
ORGANIZATION AND ACCOUNTABILITIES



July 31, 1996

Ben Easley, LP 3A-C

VPA # 10702 - PROGRAM MANAGER, CHEMISTRY (BWR), PG-8

Six candidates applied for consideration on this vacant position. One of the candidates was a minority and one applicant was female. An application was received from one TVAS candidate.

After careful review of the qualifications of each applicant, it was determined that four candidates met minimum qualifications and were interviewed. Those candidates considered include:

E. S. Chandrasekaran: Has experience with both PWR and BWR plants. Has been the BWR interface for TVAN for several years. Was ranked the highest by the Review Board.*
Sam L. Harvey: Has experience with both PWR and BWR plants. Has worked primarily with PWRs at TVAN. Was ranked a close second by the Review Board.
John C. Traynor: Has a good record in the management of projects within TVAN. Has a good radwaste background. Was ranked third for this position.
Herbert H. Huie: Has worked as a supervisor at Browns Ferry. Has the potential for advancing within TVAN. Not yet prepared for this position level.

I concur with the ranking of the Review Board. I am requesting that an offer be extended to E. S. Chandrasekaran, as the Program Manager, Chemistry (BWR), PG-8. Mr. Chandrasekaran has over 20 years of experience in the nuclear industry. He received a Ph.D. in Chemistry. His specific areas of expertise are on both PWRs and BWRs with several years of TVA experience as technical support to Browns Ferry. He was ranked as the first choice by the Review Board and I concur with that position. **Please extend an offer to E. S. Chandrasekaran with his current salary.**

Wilson C. McArthur
Manager, Radiological and
Chemistry Control
BR 5D-C

WCM:SME
Attachments: Electronic Spreadsheet & Package with PHRs & Applications (9824s)

*The Review Board for this VPA consisted of Charles Kent (Manager of Radiological and Chemistry Control at Sequoyah); John Corey (Manager of Radiological and Chemistry Control at Browns Ferry); and H. R. (Rick) Rogers (Manager of Technical Support/Operations Support)

July 31, 1996

Ben Easley, LP 3A-C

VPA # 10703 - PROGRAM MANAGER, CHEMISTRY (PWR), PG-8

Six candidates applied for consideration on this vacant position. None of the candidates were minorities and one applicant was female. As application was received from one TVAS candidate.

After careful review of the qualifications of each applicant, it was determined that three candidates met minimum qualifications and were interviewed. Those candidates considered include:

E. S. Chandrasekaran: Has experience with both PWR and BWR plants. At TVAN, has had primary experience at BFN with some TVAN PWR experience. In a very close ranking, was ranked first by the Review Board.*

Sam L. Harvey: Has experience with both PWR and BWR plants. Has worked primarily with PWRs at TVAN. Was ranked second by the Review Board.

Gary L. Fiser: Has experience with PWRs primarily at TVAN. Has been very supportive of the WBN start-up program. He was ranked third by the Review Board.

I concur with the ranking of the Review Board. I am requesting that an offer be extended to Sam L. Harvey, as the Program Manager, Chemistry (PWR), PG-8. Mr. Harvey was a very close second in the rankings. However, Mr. Chandrasekaran, the first ranked applicant, is recommended for a similar BWR position. Mr. Harvey has good technical knowledge of PWR chemistry systems and industry concerns with steam generators. **Please extend an offer to Sam L. Harvey with his current salary**.

Wilson C. McArthur
Manager, Radiological and
Chemistry Control
BR 5D-C

WCM:SME
Attachments: Electronic Spreadsheet/Package with PHRs & Applications (9824s)
*The Review Board for this VPA consisted of Charles Kent (Manager of Radiological and Chemistry Control at Sequoyah): John Corey (Manager of Radiological and Chemistry Control at Browns Ferry); and H. R. (Rick) Rogers (Manager of Technical Support/Operations Support)

July 31, 1996

Ben Easley, LP 3A-C

VPA # 10707 - PROGRAM MANAGER, RADWASTE/ENVIRONMENTAL, PG-8

Four candidates applied for consideration on this vacant position. None of the candidates were minorities and one applicant was female. One candidate was from TVAS.

After careful review of the qualifications of each applicant, it was determined that three candidates met minimum qualifications and were interviewed. Those candidates considered include:

Diedre B. Nida: Most of her experience was as a Radiochemical Laboratory Analyst at Sequoyah, with recent experience in the Corporate Chemistry and Environmental Protection Section. Has no experience in Radwaste. She was ranked third by the Review Board.*

Lenon J. Riales: Has a strong background in low-level radioactive waste handling, shipment and disposal. He has minimal experience in Environmental Protection. Has some experience in outage management and several years of experience in the Corporate Radiological Control and Radwaste discipline. He was ranked first by the Review Board.

John C. Traynor: Has a strong background in low-level radioactive waste with minimal experience in Environmental Protection. Since 1990, has served as project manager for several major projects. He was ranked second by the Review Board.

I concur with the ranking of the Review Board. I am requesting that an offer be extended to Lenon J. Riales as Program Manager, Radwaste/Environmental, PG-8. Mr. Riales has over 25 years of experience at TVA with the majority of this experience in radwaste. He will require some effort to learn the Environmental Protection discipline. He has a B.S. in Nuclear Engineering. **Please extend an offer to Lenon J. Riales with his current salary**.

Wilson C. McArthur
Manager, Radiological and
Chemistry Control
BR 5D-C

WCM:SME
Attachments: Electronic Spreadsheet/Package with PHRs & Applications (9824s)
*The Review Board for this VPA consisted of Charles Kent (Manager of Radiological and Chemistry Control at Sequoyah); John Corey (Manager of Radiological and Chemistry Control at Browns Ferry); and H. R. (Rick) Rogers (Manager of Technical Support/Operations Support)

July 31, 1996

Ben Easley, LP 3A-C

VPA # 10705 - PROGRAM MANAGER, RADIOLOGICAL CONTROL (PROGRAMMATIC), PG-8

Five candidates applied for consideration on this vacant position. None of the candidates were minorities and none were female. One candidate was from TVAS.

After careful review of the qualifications of each applicant, it was determined that three candidates met minimum qualifications and were interviewed. Those candidates considered include:

James A. Flanigan: Has served in the Corporate Radiological Control organization for over 6 years. He is a Technical Expert in the National Voluntary Laboratory Accreditation Program (NVLAP). Has served as Chair of the Radiation Effects Advisory Group for 10 years. He was ranked first by the Review Board*

John L. Lobdell: Presently serves as Supervisor, Instrumentation Calibration Repair, Control. Has strong experience in environmental monitoring. He is a Technical Expert for the National Voluntary Laboratory Accreditation Program (NVLAP) and certified as a Lead Auditor per ANSI N45.2.23-1978, "Qualification of Quality Assurance Program Audit Personnel for Nuclear Power Plants." Mr. Lobdell has a Ph.D. in Health Physics and is certified in Health Physics by the American Board of Health Physics. He was ranked second by the Review Board.

Lenon J. Riales: Mr. Riales has served in the nuclear program at TVAN for 25 years. His experience is in both Radiological Control and Low-Level Radioactive Waste. He was ranked third by the Review.

I concur with the ranking of the Review Board. I am requesting that an offer be extended to James A. Flanigan as Program Manager, Radiological Control (Programmatic), PG-8. Mr. Flanigan has 29 years of applied health physics experience, with 23 of those years in

commercial nuclear power. His performance was rated as exceeding expectations for Fiscal Year 1995. He does not have an academic degree; however, his experience meets the requirements for this position. Mr. Flanigan exhibited a high level of knowledge and understanding for this position than the other candidates. **Please extend an offer to James A. Flanigan with his current salary**.

Wilson C. McArthur
Manager, Radiological and
Chemistry Control
BR 5D-C

WCM:SME
Attachments: Electronic Spreadsheet
Package with PHRs and Applications (9824s)

*The Review Board for this VPA consisted of Charles Kent (Manager of Radiological and Chemistry Control at Sequoyah); John Corey (Manager of Radiological and Chemistry Control at Browns Ferry); and H. R. (Rick) Rogers (Manager of Technical Support/Operations Support)

July 31, 1996

Ben Easley, LP 3A-C

VPA # 10706, PROGRAM MANAGER, RADIOLOGICAL CONTROL (TECHNICAL SUPPORT), PG-8

Six candidates applied for consideration on this vacant position. None of the candidates were minorities and none were female. One applicant was from TVAS.

After careful review of the qualifications of each applicant, it was determined that two candidates met minimum qualifications and were interviewed. Those candidates considered include:

John L. Lobdell: Presently serves as Supervisor, Instrumentation Calibration Repair, Control. Has strong experience in environmental monitoring. He is a Technical Expert for the National Voluntary Laboratory Accreditation Program (NVLAP) and certified as a Lead Auditor per ANSI N45.2.23-1978, "Qualification of Quality Assurance Program Audit Personnel for Nuclear Power Plants. Mr. Lobdell has a Ph.D. in Health Physics and is certified in Health Physics by the American Board of Health Physics. He was ranked second by the Review Board.*

Regis M. Nicoll: Has a B.S. in Physics (Health Physics Option) and an M.S. in Applied Nuclear Science. Has 3 years of experience at TVAN in the Corporate Engineering organization. He has proven to be an expert in the area of technical support and problem solving at both PWRs and BWRs. He was ranked first by the Review Board.

I concur with the ranking of the Review Board. I am requesting that an offer be extended to Regis M. Nicoll as the Program Manager, Radiological Control (Technical Support), PG-8. Mr. Nicoll has over 20 years of experience in the nuclear industry and is certified by the American Board of Health Physics. Mr. Nicoll demonstrated a high degree of understanding and knowledge for this position compared to the other candidates. **Please extend an offer to Regis M. Nicoll with his current salary**.

Wilson C. McArthur
Manager, Radiological and
Chemistry Control
BR 5D-C

WCM:SME
Attachments: Electronic Spreadsheet/Package with PHRs & Applications (9824
*The Review Board for this VPA consisted of Charles Kent (Manager of Radiological and Chemistry Control at Sequoyah); John Corey (Manager of Radiological and Chemistry Control at Browns Ferry); and H. R. (Rick) Rogers (Manager of Technical Support/Operations Support)

CHEMISTRY PGM MGR BW, 10702 N WORKSHEET

APPLICANT'S NAME	SOCIAL SECURITY NUMBER	EDUCATION/ TRAINING	FORMAL TRAINING IN MANAGEMENT (REQUIRED)	EXPERIENCE IN MANAGEMENT (REQUIRED)	MINIMUM EIGHT YEARS PROFESSIONAL APPLIED CHEMISTRY EXPERIENCE (REQUIRED)	MINIMUM EIGHT YEARS PROFESSIONAL APPLIED CHEMISTRY EXPERIENCE AT NUCLEAR POWER PLANT (DESIRED)	DETAILED KNOWLEDGE OF TECHNIQUES AND EQUIPMENT USED AT TVAN SITES (DESIRED)
CHANDRASEKARAN, E, S.	[redacted]	B S , M S , Ph D.	NONE STATED	YES	YES (20 YEARS)	3 YEARS	YES
HARVEY, SAM L.	[redacted]	B S. 1980	NONE STATED	YES	YES (11 YEARS)	7 YEARS	YES
NIDA, DIEDRE BRYANT	[redacted]	B S 1996	NONE STATED	NONE STATED	14 YEARS AS TECHNICIAN	14 YEARS AS TECHNICIAN	YES
TRAYNOR, JOHN C.	[redacted]	B S. 1982	NONE STATED	YES	7 YEARS STATED	NONE STATED	NONE CURRENT
NORWOOD, DONALD W.	[redacted]	B S. 1980	YES	YES	5 YEARS STATED	5 YEARS STATED	NONE CURRENT
HUIE, HUBERT H	[redacted]	3 YEARS COLLEGE	YES	YES	YES (9 YEARS)	9 YEARS & 2 YEARS AS TECHNICIAN	YES

GG000627

RADWASTE/ENVIRONMENTAL PG... CTION WORKSHEET

10707

APPLICANT'S NAME	SOCIAL SECURITY NUMBER	EDUCATION/TRAINING	RADIOACTIVE WASTE TRAINING (REQUIRED)	ENVIRONMENTAL COMPLIANCE TRAINING (REQUIRED)	MINIMUM SIX YEARS PROFESSIONAL RADIOACTIVE WASTE OR ENVIRONMENTAL PROTECTION EXPERIENCE (REQUIRED)	RADIOACTIVE WASTE SHIPPER QUALIFICATION (DESIRED)	TRAINING IN ENVIRONMENTAL WASTE CLASSIFICATION AND HANDLING (DESIRED)
NORWOOD, DONALD W.	[redacted]	B S. 1980	NONE STATED	NONE STATED	NONE STATED	NONE STATED	NONE STATED
RAILES, LENON J.	[redacted]	B S 1974	YES	NONE STATED	22 YEARS	YES	NONE STATED
TRAYNOR, JOHN C.	[redacted]	B S. 1982	NONE STATED	NONE STATED	3 YEARS	NONE STATED	NONE STATED
NIDA, DIEDRE BRYANT	[redacted]	B S. 1996	NONE STATED	YES	1 YEAR	NONE STATED	YES

CG000028

RADCON PGM MGR-TECHNICAL SU. . .OI ELECTION WORKSHEET

10706

APPLICANT'S NAME	SOCIAL SECURITY NUMBER	EDUCATION/TRAINING	ABHP CERTIFICATION (REQUIRED)	MINIMUM SIX YEARS PROFESSIONAL RAD PROTECTION EXPERIENCE (REQUIRED)	FORMAL RADIATION PROTECTION TRAINING (REQUIRED)
LOBDELL, JOHN L.	[redacted]	B.S. 1964, M.S. 1968, Ph D. 1995	YES, 1972	YES (28 YEARS)	YES
FLANIGAN, JAMES A.	[redacted]	3 YEARS COLLEGE, NAVAL REACTORS PROGRAM	NO	YES (25YEARS) & 4 YEARS AS TECHNICIAN	YES
SWEARINGEN, JAMES DAVID	[redacted]	B.S., NAVAL REACTORS PROGRAM	NO	NONE STATED	NONE STATED
RIALES, LENON J.	[redacted]	B.S. 1974	NO	NONE STATED	NONE STATED
NICOLL, REGIS M.	[redacted]	B.S. 1973, M.S. 1976	YES	YES (23 YEARS)	YES
KEARNEY, JAMES P.	[redacted]	B.S., NAVAL REACTORS PROGRAM	NO	NONE STATED	NONE STATED

CC000629

RADCON PGM MGR-PROGRAM SL[illegible]CTION WORKSHEET

10/05

APPLICANT'S NAME	SOCIAL SECURITY NUMBER	EDUCATION/TRAINING	MINIMUM EIGHT YEARS PROFESSIONAL RAD PROTECTION EXPERIENCE (REQUIRED)	RADIATION INJURY CLAIM MANAGEMENT EXPERIENCE (REQUIRED)	FORMAL RADIATION PROTECTION TRAINING (REQUIRED)	RADIATION INJURY CLAIM MANAGEMENT TRAINING (REQUIRED)	MINIMUM THREE YEARS PROFESSIONAL RAD PROTECTION EXPERIENCE AT POWER PLANT (REQUIRED)	POWER PLANT RADIATION CONTROL MANAGER (DESIRED)
LOBDELL, JOHN L.	[redacted]	B S 1964, M S. 1968, Ph D. 1995	YES (28 YEARS)	NONE STATED	YES	NONE STATED	NONE STATED	NONE STATED
FLANIGAN, JAMES A.	[redacted]	3 YEARS COLLEGE, NAVAL REACTORS PROGRAM	YES (25YEARS) & 4 YEARS AS TECHNICIAN	YES (11YEARS) & TVAN & 3 GPU	YES	YES	YES (9YEARS) & 6 YEARS NAVAL REACTORS	YES (YANKEE ROWE)
RIALES, LENON J.	[redacted]	B S 1974	NONE STATED	NONE STATED	NONE STATED	NONE STATED	NONE STATED	NONE STATED
NICOLL, REGIS M.	[redacted]	B S. 1973, M S. 1976	YES (23 YEARS)	NONE STATED	YES	NONE STATED	NONE STATED	NONE STATED
KEARNEY, JAMES P.	[redacted]	B.S., NAVAL REACTORS PROGRAM	NONE STATED	NONE STATED	NONE STATED	NONE STATED	NONE STATED	NONE STATED

GC000630

Date: July 18, 1996

Contacted 7/16/96

INTERVIEW SCHEDULE

12:00-12:30pm.....Board Preparation

12:30- 1:15pm.....Gary L. Fiser (PWR) 10703 — 40063

1:15- 2:00pm.....Sam L. Harvey (PWR and BWR) 10703 + 10702 — 90784

2:00- 2:45pm.....E. S. Chandrasekaran (PWR and BWR) 10703 & 10702 — 90438

2:45- 3:30pm.....Hubert H. Huie (BWR) 10702 BR

3:30- 4:15pm.....John C. Traynor (BWR and Radwaste/Env) 10702 & 10707

4:15- 5:00pm.....Diedre B. Nida (Radwaste/Env) ~~CHEMISTRY~~ 10707 — 10991

5:00- 5:45pm.....Lenon J. Riales (Programmatic and Radwaste/Env) 10705 & 10707 — 90446

5:45- 6:30pm.....John L. Lobdell (Programmatic and Technical Support) 10705 & 10706

6:30- 7:15pm.....James A. Flanigan (Programmatic) 10705

7:15- 8:00pm.....Regis M. Nicoll (Technical Support) 10706 — 11009 2493 PH

Chemistry, BWR: ~~00000~~ 10702
PWR: ~~00000~~ 10703
Tech Support: ~~00000~~ 10706
Radwaste Env: ~~00000~~ 10707
Programmatic: ~~00000~~ 10705

BR 3N B01, the Indian Creek Conference Ro

EVALUATION COMMITTEE

FOR

CORPORATE RADCON, CHEMISTRY, AND RADWASTE/ENVIRONMENTAL

Charles Kent	Manager, Radiological and Chemistry Control, Sequoyah Nuclear Plant
John Corey	Manager, Radiological and Chemistry Control Browns Ferry Nuclear Plant
H. R. (Rick) Rogers	Manager, Technical Support/Operations Support

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CANDIDATES

CORPORATE RADIOLOGICAL AND CHEMISTRY CONTROL

Thursday, July 18, 1996
BR 3N B01, Indian Creek Conference Room

CANDIDATES BEING INTERVIEWED FOR THE FOLLOWING PROGRAM MANAGER, PG-8 POSITIONS:

BWR Chemistry, VPA # 10702
E. S. Chandrasekaran
Sam Harvey
Hubert H. Huie
John C. Traynor

PWR Chemistry, VPA # 10703
E. S. Chandrasekaran
Gary L. Fiser
Sam L. Harvey

Radwaste/Environ Prot, VPA # 10707
Diedre B. Nida
Lenon J. Riales
John C. Traynor

Tech Support (Radcon), VPA # 10706:
John L. Lobdell
Regis M. Nicoll

Programmatic (Radcon), VPA # 10705:
James A. Flanigan
John L. Lobdell
Lenon J. Riales

Date: July 18, 1996

INTERVIEW SCHEDULE

12:00-12:30pm.....Board Preparation

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2:00- 2:45pm.....E. S. Chandrasekaran (PWR and BWR)

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3:30- 4:15pm.....John C. Traynor (BWR and Radwaste/Env)

4:15- 5:00pm.....Diedre B. Nida (Radwaste/Env)

5:00- 5:45pm.....Lenon J. Riales (Programmatic and Radwaste/Env)

5:45- 6:30pm.....John L. Lobdell (Programmatic and Technical Support)

6:30- 7:15pm.....James A. Flanigan (Programmatic)

7:15- 8:00pm.....Regis M. Nicoll (Technical Support)

GARY FISER 12:30-1:15
PWR

GC000037

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received: 1995 JUL 25 AM 11:

This form is to be completed 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 (Last) GARY (First) L (Middle) 2. Soc. Sec. No. [redacted]

3. Present Job Title: Senior Chamistry and Environmentat Specialist

4. Schedule & Grade: PG-8

5. Organization: TVAN

Department: OPERATIONS SUPPORT/ CHEMISTRY & ENVI.

I wish to apply for the following vacant position:

6 Announcement Number: 10703

7. Vacant Position Job Title: PROGRAM MANAGER., CHEMISTRY (PWR)

8. Schedule & Grade: PG-8

9. Organization: TVAN, OPERATIONS SUPPORT

Departme nt: RAD/CHM CTRL

If you are a union member, give name of union and local number or

n

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? Yes ____ No X

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.

GC000038

1. Name FISER GARY L. 2. Soc. Sec. No. [redacted]

Last First Middle

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

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

Signature [signature] Date JUNE 25, 1996

TVA Mailing Address BR5D-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 the above, unless the information is in form of a certificate or similar document.

GG000639

GARY LYNN FISER

[redacted]

(615) 751-4955 (Work)

OBJECTIVE — To use my 22 years of experience and training to help others achieve a new standard of excellence.

EDUCATION:

July 1972-73 — University of Arkansas, Fayetteville, Arkansas
30 hours graduate level in Microbiology

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

June 1967 — Sheridan High School, Sheridan, Arkansas

WORK EXPERIENCE:

TENNESSEE VALLEY AUTHORITY — **1987 - PRESENT**
Chattanooga, Tennessee

Senior Chemistry and Environmental Specialists, April 1994 - Present

Assisting the chemistry start-up effort at Watts Bar Nuclear Plant. Major duties include training, data review, program assessment, and support in order to ensure that the Chemistry group at the site is ready for fuel load and start-up.

Assigned to TVA's Employee Transition Program, April 1993 - April 1994

Started two businesses in one year while seeking employment with the agency.

Chemistry and Environmental Superintendent, Sequoyah Nuclear Plant, 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 USNRC and plant limits. 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. 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 the Nuclear Power Chemistry Organization. Major responsibilities included providing direction and assistance to ensure consistency between site chemistry programs. 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.

Radiochemistry Supervisor, June 1979 - August 1986

Responsible for the safety and training of 17 radiochemists and three supervisors Major responsibilities included chemistry and radiochemistry on primary systems for both B&W and CE units Radioactive effluents (gaseous and liquid), ensuring that the effluents were within the USNRC and plant guidelines, documentation and reporting of the same. Gaseous Effluent Monitoring System, both normal and extended range for accident conditions

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 programs, and setting up instrumentation control charts. Also, assisted in the initial start-up effort for both a B&W and CE nuclear plant.

Chemist/Health Physics, August 1973 - January 1974

Responsible for obtaining primary and secondary samples in support of the start-up effort for a two unit nuclear site. 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 and shielding surveys.

OUACHITA UNIVERSITY
Arkadelphia, Arkansas

Research Assistant

Assisted Dr. Joe Nix by sampling and performing chemical analysis on the Caddo River/De Gray Reservoir. Responsible for obtaining samples, sample preparation and chemical analysis using atomic absorption spectrophotometer, infrared spectroscopy, gas chromatography, and various selective ion electrodes.

OTHER TRAINING

- Kepner-Tregoe Problem Solving and Decision Making
- B&W Radiochemistry Course
- Cardiopulmonary Resuscitation, Instructors Course
- Supervisory Transition Course
- Time Management
- Fundamentals of Maintenance Management
- Fundamentals of Supervision
- Supervisory Practices Seminar
- Middle South Services Auditor Training
- 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 Radiochemistry 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

PWR

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

7) Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry areas.

8) What do you see as the main role for this position?

CK 9) Describe the level of responsibility this position should have in contributing to the success of the site Chemistry programs.

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

CK 11) Describe at least 2 chemistry concerns of TVAN.

CK 12) Define the term "denting" and where and how does it occur?

13) What is Hydrogen Water Chemistry? How would Hydrogen Water Chemistry benefit BFN?

14) If an INPO evaluation determined that a concern should be a finding and you disagreed, how would you attempt to resolve the issue?

GG000042

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY
(page 2 of 2)

JC (15) Discuss the INPO Chemistry Index. What is its significance?

- there are 2 – for NRC & one not on NRC
- provides inventory # for certain atoms Na, Fe, etc = GOOD
- changes — gets tighter
- allows you to see how you stack up against industry
- not familiar w/ specifics or what to expect with to be

JC (16) Discuss your specific management experience and training.

- 24 yrs in Business
- was chem mgr @ Sequoyah for 4 yrs
- best training was a 2 yr mgr

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- must know how to handle people ↑ & ↓ (i.e. how to present your case)

C (17) Define Molar Ratio Control, its primary indicators, and Control

- gave a defn related to the control related to Atoms
- objected by getting the down

---

overall comments

- technically was not clear on other areas (i.e. chem info, sampling..
- communication
  - to long winded
  - not to the point
- strengths & weaknesses
  - relevant directly opposed
- Scored Relaxed

Date: July 18, 1996

POSITION: PUR Chem

NAME: Gary Fiser

REVIEW BOARD MEMBER: Jr Rogers

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	5	see question page
2	5	
7	5	
9	7	
11	6	
12	6	
15	5	
16	5	
17	7	

TOTAL POINTS: 51/90

GG0000044

SAM HARVEY, 1:15-2:00
PWR & BWR

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

1936
Received: 17 Oct

This form is to be completed 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 (Last) Sam (First) L. (Middle) 2. Soc. Sec. No. [redacted]

3. Present Job Title Program Manager 4. Schedule & Grade PG8

5. Organization TVAN/Operations Support Department Chemistry and Environmental

I wish to apply for the following vacant position:

6. Announcement Number 10703 7. Vacant Position Job Title Program Manager, Chemistry (PWR)

8. Schedule & Grade PG8 9. Organization TVAN/Operations Support Department Rad./Chem

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 ...d be directed by you if selected for the vacant position? Yes _____ No X

...es," 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.)

Over 15 years experience in both BWR's and PWR's See attached resume.

CC9900616

1. Name Harvey 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 solumnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [signature] Date 6/17/96

TVA Mailing Address BR 50-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 the above, unless the information is in form of a certificate or similar document.

GG000647

RESUME

Sam L. Harvey III

[redacted]

OBJECTIVE A challenging position where my education and experience in Chemistry/Supervision 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: Summary Responsible for oversight, technical support, and program direction for a four nuclear site utility that included both PWR's and BWR's...provided project oversight for steam generator chemical cleaning and raw water treatment programs...developed secondary chemistry treatment programs for PWR's and steam generators ..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 s systems . Project development... 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... Environmental permitting...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 project management oversight for special projects such as steam generator chemical cleaning and raw water treatment program implementation Developed treatment programs and provided technical oversight of PWR secondary treatment and steam generator chemistry programs. 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 Performed rotational

EMPLOYMENT HISTORY

assignments as needs arose in the following areas *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, managed site environmental program, developed modifications packages for chemistry, 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.

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 modifications packages for chemistry; 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 and Hazardous Material 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

EMPLOYMENT HISTORY

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.

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received: 1990 Jul 17 1:02

This form is to be completed 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 (Last) Sam (First) L (Middle) 2. Soc. Sec. No [redacted]

3. Present Job Title Program Manager 4. Schedule & Grade PG8

5. Organization TVAN/Operations Support Department Chemistry and Environmental

I wish to apply for the following vacant position

6. Announcement Number 10702 7. Vacant Position Job Title Program Manager, Chemistry (BWR)

8. Schedule & Grade PG8 9. Organization TVAN/Operations Support Department Rad./Chem

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 ' be directed by you if selected for the vacant position? Yes _____ No X

.s," 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.)

Over 15 years experience in both BWR's and PWR's See attached resume

GG000051

1. Name Harvey 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 solumnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature [signature] Date 6/17/96

TVA Mailing Address BR5D-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 the above, unless the information is in form of a certificate or similar document

CG000052

RESUME

Sam L. Harvey III

[redacted]

OBJECTIVE A challenging position where my education and experience in Chemistry/Supervision 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 Summary Responsible for oversight, technical support, and program direction for a four nuclear site utility that included both PWR's and BWR's...provided project oversight for steam generator chemical cleaning and raw water treatment programs...developed secondary chemistry treatment programs for PWR's and steam generators...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 s systems...Project development... 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... Environmental permitting...Information management and documentation... People engineering.

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EMPLOYMENT HISTORY

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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

EMPLOYMENT HISTORY

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.

PWR

QUESTIONS FOR PROGRAM MANAGER, CHEMISTRY

(page 1 of 2)

- S/G secondary chem
- Raw water corrosion

Brunswick, Hatch

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position. — BWR – because of being out of it; PWR – current from

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

7) Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry areas.

- Catalyst comfort
- Ecolochem
- Secondary optimization @ SQN

8) What do you see as the main role for this position?
Whatever it takes to solve problem from getting in field to doing big picture

9) Describe the level of responsibility this position should have in contributing to the success of the site Chemistry programs. Multifaceted role, improve program & decrease cost → take big picture look & not get lost in details

10) What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)?
- get system involved if required

Key — find resources to solve problem

S/G degradation — issues etc. denting

11) Describe at least 2 chemistry concerns of TVAN.
H₂ chem — Zinc degradation — [illegible] understood causes/concerns

12) Define the term "denting" and where and how does it occur?
support plate, unprotected magnetite at tube, susceptible to cracking

— Gave a good example

13) What is Hydrogen Water Chemistry? How would Hydrogen Water Chemistry benefit BFN?

14) If an INPO evaluation determined that a concern should be a finding and you disagreed, how would you attempt to resolve the issue?

was familiar w/ objectives

GG000056

- Appears very confident

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY
(page 2 of 2)

- was familiar with content & purpose
- gave examples of what has affected TRAV IC I.
- ICI good for 'common ground check' — not necessary good for say 'good' chemistry — its relation

15) Discuss the INPO Chemistry Index. What is its significance?

16) Discuss your specific management experience and training.
- last 5 years as program
- goes over ~~Supervise~~, wide range of people
- must make customers happy.

17) what is Water Chem Control, primary factors involved, and methods of control.
knew some history

overall

technically
- very sound
  - Density
  - Molar Ratio
  -

- communication
  - very confident
  - good verbal skills

- Knew the strengths & weaknesses

Date: July 18, 1996

POSITION: PWR

NAME: Sam Harvey

REVIEW BOARD MEMBER: H. Rickover

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	9	See question sheet
2	9	
7	8	
9	8	
11	9	
12	9	
15	8	
16	8	
17	9	

TOTAL POINTS: 77/90

GG000058

BWR

QUESTIONS FOR

PROGRAM MANAGER, CHEMISTRY

(page 1 of 2)

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

7) Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry areas.

8) What do you see as the main role for this position?

9) Describe the level of responsibility this position should have in contributing to the success of the site Chemistry programs.

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

11) Describe at least 2 chemistry concerns of TVAN.

12) Define the term "denting" and where and how does it occur?

13) What is Hydrogen Water Chemistry? How would Hydrogen Water Chemistry benefit BFN? Lessen to reduce electro potential – to mitigate cracking of core vessel components, lost 2/3 addition

14) If an INPO evaluation determined that a concern should be a finding and you disagreed, how would you attempt to resolve the issue?

~~(15) Define Molar Ratio Control, Primary Factors Involved and Methods for control~~

GC000059

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY
(page 2 of 2)

15) Discuss the INPO Chemistry Index. What is its significance?

16) Discuss your specific management experience and training.

a.\RadChem\Wilson\SLection.doc

Date: July 18, 1996

POSITION: BWR chem

NAME: Harvey

REVIEW BOARD MEMBER: R Rogers

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	9	See PWR #2
2	9	
7	8	overall very sound technically
9	8	• confident • good communication skills
11	9	
13	9	
15	8	
16	8	

TOTAL POINTS: 60 / 80

GG000061

E. S. CHANDRASEKARAN
(CHANDRA), 2:00-2:45
PWR & BWR

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received: [illegible]

This form is to be completed 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 CHANDRASEKARAN (*Last*) E (*First*) S (*Middle*) 2. Soc. Sec. No. [redacted]

3. Present Job Title PROGRAM MANAGER 4 Schedule & Grade PG-8

5. Organization NUC. OPERATIONS, OPS. SUPPORT Department CHEMISTRY & ENVIRON

I wish to apply for the following vacant position:

6. Announcement Number 10703 7. Vacant Position Job Title PROGRAM MGR, CHEMISTRY (PWR)

8. Schedule & Grade PG-8 9. Organization NUC. OPS. Department RADCHEM

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) on page 2.

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

GG000063

1. Name CHANDRASEKARAN E S 2. Soc. Sec. No. [redacted]

Last *First* *Middle*

12. 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 6/20/96

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 the above, unless the information is in form of a certificate or similar document.

GG000064

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, Environmental and Health Physics management Areas of expertise and technical and supervisory work experience include all areas of Chemistry (Nuclear, Inorganic, and Analytical), Nuclear Power Plant Chemistry (Primary and Secondary), Environmental Program, Radiological Environmental Monitoring Program (REMP), Radiological Waste, Radiological Health & Safety, Radioactive Effluents Monitoring, Raw Water Corrosion Treatment Program, and Chemistry & Environmental QA/QC Program.

Selected areas of technical and supervisory experience include:

- Supervision and management of Chemistry program
- 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
- PWR primary and secondary chemistry program
- BWR chemistry and balance of plant chemistry
- Set up and oversight of chemical traffic control (CTC) program at PWR and BWR plants
- 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
- Raw water chemical treatment program for corrosion control
- Laboratory and count room set up and QA/QC program
- Hydrogen water chemistry issues at BWR

EXPERIENCE:

May 1991 to Present:
TVA
Program Manager, Corporate Chemistry & Environmental Protection

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 (SQN), three unit BWR plant (BFN) (two unit operational, and one on restart status), one unit PWR plant (WBN) operational status, and two unit PWR plant (BLN) under construction. Responsibilities include lead chemist for BFN (BWR) Chemistry program management support and technical support. Multi-site BWR and PWR responsibilities include long-term chemistry and radiochemistry data trending, Chemistry data management system project; Chemistry QA/QC program; radiological effluents; fuel performance evaluation; optimization of chemistry program improvements to meet the revised industry guidelines, radwaste minimization; source term reduction program implementation; raw water chemical treatment program; closed cooling water chemistry control, 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; environmental protection, new technology development with TA & EPRI; quality improvement and process improvement team leadership.

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

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

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:
1995 JUN 20 AM 9 07

This form is to be completed 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 CHANDRASEKARAN (*Last*) E (*First*) S (*Middle*) 2. Soc. Sec. No. [redacted]

3. Present Job Title PROGRAM MANAGER 4. Schedule & Grade PG-8

5. Organization NUC. OPERATIONS, OPS. SUPPORT Department CHEMISTRY & ENVIRON

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Work Location CHATTANOOGA

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PLEASE SEE ATTACHED RESUME

GG0000668

1. Name CHANDRASEKARAN E S 2. Soc. Sec. No. [redacted]

Last *First* *Middle*

12. 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 6/20/96

TVA Mailing Address BR 5D-C

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GG0000069

RESUME

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

EDUCATION:

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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, Environmental and Health Physics management Areas of expertise and technical and supervisory work experience include all areas of Chemistry (Nuclear, Inorganic, and Analytical), Nuclear Power Plant Chemistry (Primary and Secondary), Environmental Program, Radiological Environmental Monitoring Program (REMP), Radiological Waste, Radiological Health & Safety, Radioactive Effluents Monitoring, Raw Water Corrosion Treatment Program, and Chemistry & Environmental QA/QC Program

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

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

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

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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

PWR

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY
(page 1 of 2)

1) What strengths do you have that will benefit this position? — • tech Background • Radio chem lab mgr. • Start up 2 PWR units • BWR

2) Indicate weaknesses that you need to address if you fill this position.
• Detail syst training
• Mgr. train

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) - If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

7) Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry areas.

8) What do you see as the main role for this position?

9) Describe the level of responsibility this position should have in contributing to the success of the site Chemistry programs.

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

11) Describe at least 2 chemistry concerns of TVAN.

12) Define the term "denting" and where and how does it occur?

13) What is Hydrogen Water Chemistry? How would Hydrogen Water Chemistry benefit BFN?

14) If an INPO evaluation determined that a concern should be a finding and you disagreed, how would you attempt to resolve the issue?

GG000073

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY
(page 2 of 2)

not aware of year 2000 goals

15) Discuss the INPO Chemistry Index. What is its significance?

- aware that it has been revised
- BWR – aware of what makes up
- anticipated of how it was 2.1 – 2.2 for BR
- aware of SQC # also

16) Discuss your specific management experience and training.
- not presently supervise people
- South Texas project – chem & [illegible]
- greatest challenges – technical in critical areas
  management – team [illegible] & some project mgt

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17 Define Molar Ratio, its Primary indicators, and control
- [illegible] from [illegible] or condenser leaks causes [illegible] surging,
- understood how it affect overall chemistry
- control by chloride addition!
- must control Na/Cl ratio .3 to .5 ppb to atom #

Overall

technical
- aware of PWR & BWR major tech issues
- good response on molar ratio

Communication
- good verbal skills
- appeared confident

Strength is BWR chemistry

GG000074

BWR

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

7) Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry areas.

8) What do you see as the main role for this position?

9) Describe the level of responsibility this position should have in contributing to the success of the site Chemistry programs.

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

11) Describe at least 2 chemistry concerns of TVAN.

12) Define the term "denting" and where and how does it occur?

13) What is Hydrogen Water Chemistry? How would Hydrogen Water Chemistry benefit BFN?

14) If an INPO evaluation determined that a concern should be a finding and you disagreed, how would you attempt to resolve the issue?

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY
(page 2 of 2)

15) Discuss the INPO Chemistry Index. What is its significance?

16) Discuss your specific management experience and training.

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Date: July 18, 1996

POSITION: MOR

NAME: Chandra

REVIEW BOARD MEMBER: Arroyave

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	5	See questionnaire sheet
2	9	
7	~~8~~ 9	
9	5	
11	8	
12	8	
15	8	
16	8	
17	9	

TOTAL POINTS: 75/90

Date: July 18, 1996

POSITION: BWR

NAME: Clinton

REVIEW BOARD MEMBER: Hopper

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	8	
2	9	See Pwr sheet
7	9	good communication skills
9	8	very fast speed
11	8	
13	8	
15	8	
16	8	

TOTAL POINTS: 76/80

CG000078

TVA 9824 (PD-8-78)

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 Hule (Last) Hubert (First) H. (Middle) Jr. 2. Soc. Sec. No. [redacted]

3. Present Job Title Chemistry Shift Supervisor 4. Schedule & Grade PG-5

5. Division Generating Group Branch Nuclear Generation BFN

I wish to apply for the following vacant position:

6. Announcement Number 10702 7. Vacant Position Job Title Program Manager Chemistry Bwk)

8. Schedule and Grade PG-8 9. Division Operations Support Branch Nuclear Operations

Section Rad & Chem Control (Corp) Work Location Chattanooga

10. If you are a union member, give name of union and local number or section Engineering Association (Inactive)

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

1989 JUN 25 AM 8:30

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

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

GG000080

Signature _____ Date _____

TVA Mailing Address P13-20 BFN

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

Hubert H. Huie Jr.
[redacted]
Work (205) 729-2367
[redacted]

Objective Program Manager, Chemistry (BWR)

Summary Following approximately three years of college level courses toward a Bachelor's Degree in Science (major in Chemical Engineering), I have gained eleven years' chemistry experience in nuclear power with TVA, starting at entry level and obtaining senior technical status in analytical and radiochemistry. I am currently pursuing a Bachelor's Degree in Science (major in Nuclear Engineering Technology) Senior level course work will be complete in mid October 1996.

Possess a strong technical background and have demonstrated the ability to master complex systems and technical requirements. Additionally, coordination and troubleshooting are particular strengths. Also possess strong computer background in hardware setup and programming in Basic, dBase, Excel, and Lotus. Work and interact well with people ranging from skill trades to senior management.

Education - Approximately three years of college courses completed toward a BS degree. Major - Chemical Engineering, 1979-1984
- University of Alabama - Tuscaloosa and Huntsville, Alabama
- Calhoun Community College - Decatur, Alabama

- Currently working on senior level courses for a BS degree, Major - Nuclear Engineering Technology
- Tennessee Technical University - Browns Ferry Nuclear Plant Athens, Alabama

Additional Professional Training

- NWT BWR Operational Chemistry Problem Assessment and Diagnosis — 1994
- NUS Defective Fuel & Core Damage — 1992
- NUS Advanced Gamma Spectroscopy — 1991
- GE Fuel Off-Gas Analysis — 1990
- Kepner Tregoe Problem Solving and Root Cause Analysis — 1989
- Safety Orientation for Supervision — 1989
- Technical Staff and Managers Orientation — 1989
  a)Use and Understanding of Drawings
  -Generic
  -Mechanical
  -Electrical
  c)Quality Assurance
  d)Regulatory Requirements

- Orientation to Supervision 1988
- Team Skills Building Workshop 1988
- Nuclear Data Computer System Course 1986
- TVA Radiochemical Laboratory Analyst Training Program 1987

Experience

7/87 - Present

Chemistry Shift Manager - Served as radiochemistry shift supervisor. As shift supervisor, manage activities of the chemistry shift organization and the implementation of the plant's chemical and radiochemical sampling and analysis program insuring all licensee requirements under the responsibility of the Chemistry Control organization (Technical Specifications, National Pollutant Discharge Permit, & Final Safety Analysis Review) are met. As shift supervisor on back shifts and weekends, serve as senior chemistry manager and Chemical traffic Control representative. Review and interrupt data during each shift to evaluate plant conditions and initiate corrective action were deviate trends or out-of-limit conditions exist. Participate in investigation, reporting and resolution of deviations and reportable occurrences involving the laboratory area. Provide experience in the area of analytical and radiochemistry.

3/85 - 7/87

Radiochemical Laboratory Analyst - Served as journeyman radiochemistry laboratory analyst, sampled and analyzed liquids and gases from specified plant systems according to approved procedures, reported any abnormal or out-of-limits condition to the shift supervisor, and completed the formalized eighteen-month radiochemical laboratory analyst training program.

Personal and professional references available upon request.

BWR

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY

(page 1 of 2)

1) What strengths do you have that will benefit this position?

- 11/9 years supervision
- Problem solving
- special projects lead

2) Indicate weaknesses that you need to address if you fill this position.

- Budgeting — finance
- Personnel issues — hiring / termination

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) - If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

7) Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry areas.

- Chemistry Report for BF — corrosion
- Chem Data Mgt Sys — training — acquisition

8) What do you see as the main role for this position?

assist plant in upgrades / improvements (i.e. Calgon)

9) Describe the level of responsibility this position should have in contributing to the success of the site Chemistry programs.

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

① SCC

11) Describe at least 2 chemistry concerns of TVAN.

② H_2 water

12) Define the term "denting" and where and how does it occur?

13) What is Hydrogen Water Chemistry? How would Hydrogen Water Chemistry benefit BFN?

- very expensive — million per unit

14) If an INPO/evaluation determined that a concern should be a finding and you disagreed, how would you attempt to resolve the issue?

- not very knowledgeable of technical details

GG000084

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY
(page 2 of 2)

- Based on [illegible]
- not impressed w/ new index — "not worth a Hill of Beans"
- Good – above @ [illegible] — due to Fe — [illegible] [illegible]

✓ 15) Discuss the INPO Chemistry Index. What is its significance?

✓ 16) Discuss your specific management experience and training.

- only past experience that would benefit is working on projects
- some benefit as shift sup — review trends/analyses & interface w/ ops

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- Inpo inspection comes in & you disagree w/ his finding — what would you do to turn him around?
  - understand issue by getting w/ INPO person
  - [illegible] follow-up w/ [illegible] to present the facts.

Overall

Technical

- Not very strong
  - H₂ water

Communication

- relaxed
- fair – good verbal skills

GG000085

Date: July 18, 1996

POSITION: BWR

NAME: B. Hunie

REVIEW BOARD MEMBER: H Rogers

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	7.	
2	7	See question 7 sheet
7	7	
9	6	
11	5	
13	5	
15	5	
16	5	

TOTAL POINTS: 47/80

JOHN TRAYNOR, 3:30-4:15
BWR & RADWASTE

GG000687

TVA 9824 (HR-COR-2-89) Received:

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 the address given on announcement.

1. Name TRAYNOR, JOHN C. (Last/First/Middle) 2. Soc. Sec.No. [redacted]
3. Present Job Title: PROJECT MANAGER 4. Schedule and Grade (Salary Policy Only): PG-8
5. Organization: TVAS Department: PROJECT MGT & CNTLS

I wish to apply for the following vacant position:

6. Announcement # 10702 7. Vacant Position Job Title PROGRAM MGR, CHEMISTRY/BLR
8. Schedule and Grade (Salary Only): PG-8 9. Organization: TVA NUCLEAR
Department: NUCLEAR OPERATIONS/OPS SPT RAD & CHEM CNTL Work Location: CHATTANOOGA, TN

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 COPIES OF: A. RESUME of JOHN C. TRAYNOR
B. AVAILABLE EMPLOYEE SERVICE REPORTS
• FY95 & FY94 NOT AVAILABLE
• FY93 & FY92 - ATTACHED

I BELIEVE I MEET/EXCEED THE REQUIREMENTS OF VPA 10702 AND HAVE THE ABILITY TO BRIDGE MY EXPERIENCES, TRAINING, AND BUSINESS ACUMEN TO FURTHER NUCLEAR GOALS/EXPECTATIONS

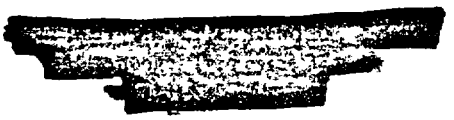
12. If announcement specifies test requirements, have you qualified on the required test(s)? NO TEST REQUIREMENTS SPECIFIED.

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: 6/21/96
TVA Mailing Address: LP-3K-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 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.

JOHN C. TRAYNOR



SUMMARY

Over fourteen years experience in nuclear power industry with assignments in engineering and project management, program development and oversight assessment, and contract administration. Primary focuses have been in the areas of managing major capital and O&M plant projects (mechanical, civil, electrical, instrumentation); raw water and demineralized makeup water treatment, water and waste processing management, waste reduction, packaging, and disposal, various environmental issues; and plant system/component decontaminations and chemical cleanings, flushings, corrosion, water chemistry, and layup and equipment preservation

Experience with plant systems startup and testing, operations, design change modifications, business planning, financial engineering, and first-time evolutions

Well-developed organizational, project management, trouble-shooting, problem-solving, and people skills

ACCOMPLISHMENTS

- Managed wide variety of plant capital and O&M projects totaling over $75 Million in value within budget and schedule without sacrificing safety, quality, or regulatory compliance, successful performance of projects resulted in Browns Ferry Nuclear SALP 1 rating from USNRC in area of "Plant Support" in 1993 and 1995;

- Developed multi-year $22 Million TVA-wide performance-based raw water chemical treatment partnering services contract coupled with plant hardware/software changes to reverse decades-old corrosion and high corrective maintenance cost trends, resulting in more than 300% net rate of return over a 15-year period; and served as Chairman of successful Browns Ferry readiness and self-assessment team effort which gained a reduced USNRC raw service water operational performance inspection, and saved at least $1.5 Million in regulatory burden costs;

- Chemical decontaminations of the Browns Ferry Reactor Recirculation, Reactor Water Cleanup, and Residual Heat Removal Systems piping to reduce source-term and worker radiation exposure to ALARA - this is recognized as one of the top five best decons in the world, and has avoided over $10 Million in O&M costs since Spring 1993;

- Served as Acting Chairman of TVA Radwaste Improvement Task Group which focused on streamlining water and waste project costs, [saved $4 Million], capital improvements, and reducing radwaste volumes; including plant makeup water and liquid radwaste evaluations and environmental impact of boron cycle operations and discharges;

- Developed layup program for idled Browns Ferry reactors which included over 30 dry/wet layup system operations procedures during 1986-1988 [to protect the plant's $1 Billion hardware assets from corrosion damage]; and

- Established plant facilities for remote tool and equipment decons and offsite decon/volume reduction services.

EDUCATION

B S Chemical Engineering, Auburn University, Auburn, Alabama, March 1982

A A Degree, Brevard College, Brevard, North Carolina, May 1979

Supervisory and Management, Leadership Deming-Druckard Principles Total Quality, Negotiating Skills Development, Root Cause and Problem Solving, Employee Diversity

PUBLICATIONS

WORK EXPERIENCE

Tennessee Valley Authority
September 1995 to Present. Sequoyah Nuclear Plant, Chattanooga, TN
April 1990 to September 1995: Browns Ferry Nuclear Plant, Athens, AL

Project Manager, Project Management Managed several major capital and O&M projects supporting Browns Ferry unit 2 restart recovery and Sequoyah operations within budgets and schedules This involved managing regulatory and economic driven projects totaling over $75 Million in value from concept to implementation, ranging from $100,000 up to $25 Million Projects included study, scoping, alternatives, cost-benefit evaluations, budget and forecasting, resourcing, prioritizing, and performance monitoring of project organization, deliverables, quality, regulatory compliance, costs, and schedule Successful performance of the following specific projects has significantly contributed to Browns Ferry achieving a SALP 1 rating from the USNRC in the area of "Plant Support" in 1993 and 1995·

- Project manager for addressing decade-old raw water systems fouling and corrosion issues; developed a multi-year $22 Million TVA-wide performance-based raw water systems chemical treatment partnering services contract to resolve the corrosion problems (deposits, biofouling, and microbiologically induced) and reverse the high corrective maintenance cost trends; including hardware/software design and installation and monitoring plans; and served as Chairman of the successful Browns Ferry readiness and self-assessment team effort for gaining an USNRC reduced-scope raw service water operational performance inspection (Generic Letter 89-13), thereby saving an additional $1 5 Million in regulatory burden costs The chemical treatment project is on track to meet the greater than 300% net average rate of return estimate, and has been identified as a plant strength by independent industry peer evaluators,

- Removal of potential Tennessee River waterway pollutant, polychlorinated biphenyls (PCBs), from ten cooling tower switchyard transformers and reclassification to non-PCB status, and project plan to reduce the environmental and safety risks associated with 39 other PCB transformers,

- Reactor Recirculation Pump Shaft Replacement Upgrades to preclude significant plant downtime due to susceptible thermal fatigue cracking induced circumferential mechanical failures - this job was safely performed in 27 outage days - the best in the industry compared to the norm of 45 days, and saved additional $750,000 from renegotiating the vendor's field services contract and scope changes,

- Dilute chemical decontaminations of the Browns Ferry Reactor Recirculation, Reactor Water Cleanup, and Residual Heat Removal Systems piping to reduce worker radiation exposure to ALARA - this is recognized as one of the top five best chemical decons in the world and has conservatively saved over 10-Million in O&M costs since Spring 1993,

- Implementation of Reactor Water Level Instrumentation regulatory hardware modifications to resolve industry-generic non-condensible gas buildup and reactor level indication mismatch issues, Served two years (1993-1994) as TVA lead representative on industry Boiling Water Reactor Owners' Group Committee and with Electric Power Research Institute for planning, testing, and licensing resolution of this issue with the USNRC;

- Nuclear Thermal-Hydraulic Instability generic regulatory hardware/software changes to resolve potential industry experiences with unplanned power oscillations outside of the analyzed design basis; Served over four years (1991-1995) as the TVA lead representative on industry Boiling Water Reactor Owners' Group Committee to plan, develop and manage contracts, and prepare Browns Ferry and the industry for selection and implementation of a long-term hardware/software solution option acceptable to the USNRC,

- Implementation of sweeping regulatory changes to 10CFR20, Standards for Radiation Protection, in January 1994;

- Radioactive source-term reduction projects to phase-out Stellite/Cobalt-bearing alloys (e g , Replacement of core cell Control Rod Blades, Control Rod Drives, and primary system valves). Served on the industry Boiling Water Reactor Owners' Group Committee on Cobalt Reduction; and

- 250 Volt-DC Main Battery Bank Replacement Upgrade, Main Generator Breaker Replacement Upgrade, and design basis recovery and hardware modifications to comply with post-Three Mile Island accident regulations (NUREG 0737), e g , Postaccident Monitoring Instrumentation, Anticipated Transients Without Scram Rule, and Main Steam Automatic Depressurization Seal-in Control Logic

Tennessee Valley Authority, Nuclear Corporate, Chattanooga, TN
July 1989 to April 1990

Project Manager and Acting Chairman, Radwaste Improvement Task Group Directed, evaluated, and recommended capital and program improvements to the liquid radwaste processing systems. In a limited time period, the Task Group focused on specific program efforts to reduce radwaste volumes and costs, and plan for resolving long-standing technical issues The Task Group was disbanded based, in part, on the Acting Chair's recommendation and Corporate cutbacks Accomplishments included

- Saving $4 Million from budget expense as a direct result of establishing short-term goals and streamlining plantsite radwaste project priorities and costs,

- Overseeing development of plantsite water balance procedures to pinpoint water usage and radwaste processing inefficiencies, and a detailed operational and cost-benefit assessment of Sequoyah's Makeup Water Treatment Plant design and operations v contractor-supplied services [this also provided the basis for Watts Bar Nuclear's decision to contract makeup water treatment services in-lieu of finishing costly makeup plant construction];

- Providing an assessment of Sequoyah's boron cycle usage and costs, operations, and environmental impact of boron discharges related to reducing boric acid operating injections from 12-wt% to 4-wt% and eliminating problematic boric acid evaporators, and initiated Sequoyah's liquid radwaste inleakage and discharge processing evaluations By 1993, Sequoyan had fully implemented the boric acid supply and processing changes.

April 1989 to July 1989

Technical Supervisor, Waste Processing Systems Responsible for decontamination and chemical cleaning programs

December 1987 to April 1989

Chemical Engineer, Water and Waste Processing Prepared technical/economic evaluations for decontamination and waste management programs and disposal treatment options Reviewed changes in quality assurance topical safety analysis reports, and USNRC/USDOT packaging, transportation, and disposal regulations for adequacy, accuracy, and TVA impacts Performed technical assignments to improve plant liquid, solid, and chelated resin waste processing

March 1982 to December 1987

Chemical Engineer in Operations Chemical Support. Provided technical support services to TVA's operating and construction nuclear plants - Browns Ferry, Sequoyah, Watts Bar, and Bellefonte Prepared and analyzed daily plant chemistry reports for short- and long-term trends and corrective actions Prepared program standards and procedures for plant system/component layup and preservation, decontamination, and chemical cleaning programs/activities Assisted in evaluating and testing major cleaning processes for economic feasibility, oxide characterization and dissolution, material corrosion and metallurgical compatibility, occupational exposure ALARA, waste treatment and disposal reduction, and residual chemistry effects Directed several onsite plant system chemical decontaminations, flushings, and steam generator sludge lancing operations Worked on development of and testing for post-operational chemical cleaning of the secondary-side of nuclear steam generators and plans for dealing with the resultant waste issues Developed numerous contract specs for purchase of materials, process equipment, and plant/offsite vendor services to support cleaning, layup, and low-level waste management projects Trained engineers and laborers on decon equipment operations and radwaste packaging.

Three major accomplishments during this period are

- First-time TVA evolution of chemical decontaminations on all three Browns Ferry units Reactor Water Cleanup System Pumps in 1986, using a different qualified dilute chemical process on each of the six RWCS pumps;

- Preparation and application of over 30 system specific dry/wet layup operations procedures on idled Browns Ferry Units 1, 2 and 3 selected systems during 1986-1988 - these layup and equipment preservation practices were used as the basis for the layup program and methods at the rest of TVA's nuclear plants, and

- Developing and establishing the facilities for plantsite remote tool and component decons and long-term offsite decon and volume reduction services

TVA 9824 (HR-COR-2-89) Received:

Employee Application for Announced Vacant Position

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

1. Name TRAYNOR, JOHN C. (Last/First/Middle) 2. Soc. Sec.No. [redacted]
3. Present Job Title: PROJECT MANAGER 4. Schedule and Grade (Salary Policy Only): PG-8
5. Organization: TVAS PROJECT MGT & CNTLS Department: PROJECT MGT & CNTLS

I wish to apply for the following vacant position:

6. Announcement # 10707 7. Vacant Position Job Title PROGRAM MGR, RADWASTE/ENVIRON PROTECTION
8. Schedule and Grade (Salary Only): PG-8 9. Organization: TVA NUCLEAR
Department: NUCLEAR OPERATIONS/OPS SPT RAD & CHEM CONTROL Work Location: CHATTANOOGA, TN

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 [X]. Obtain copies from your human resource office if necessary. (If additional space is needed, use reverse side)

SEE ATTACHED COPIES OF: A. RESUME OF JOHN C. TRAYNOR
B. AVAILABLE EMPLOYEE SERVICE REPORTS
• FY95 & FY94 NOT AVAILABLE
• FY93 & FY92 - ATTACHED.

I BELIEVE I MEET/EXCEED THE REQUIREMENTS OF VPA 10707 AND HAVE THE ABILITY TO BRIDGE MY EXPERIENCES & TRAINING & BUSINESS ACUMEN TO FURTHER NUCLEAR GOALS/EXPECTATION

12. If announcement specifies test requirements, have you qualified on the required test(s)? NO TEST REQUIREMENTS SPECIFIED.

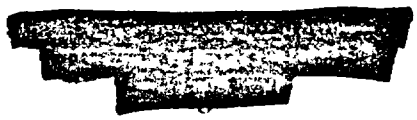
I do solemnly swear (or affirm) that the statements made in this application are true to the best of my knowledge and belief.

Signature: [signature] Date: 06/21/96
TVA Mailing Address: WR 3X-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 Records ..t, 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.

CG000092

JOHN C. TRAYNOR



SUMMARY

Over fourteen years experience in nuclear power industry with assignments in engineering and project management, program development and oversight assessment, and contract administration. Primary focuses have been in the areas of managing major capital and O&M plant projects (mechanical, civil, electrical, instrumentation); raw water and demineralized makeup water treatment; water and waste processing management, waste reduction, packaging, and disposal, various environmental issues; and plant system/component decontaminations and chemical cleanings, flushings, corrosion, water chemistry, and layup and equipment preservation

Experience with plant systems startup and testing, operations, design change modifications, business planning, financial engineering, and first-time evolutions.

Well-developed organizational, project management, trouble-shooting, problem-solving, and people skills.

ACCOMPLISHMENTS

- Managed wide variety of plant capital and O&M projects totaling over $75 Million in value within budget and schedule without sacrificing safety, quality, or regulatory compliance, successful performance of projects resulted in Browns Ferry Nuclear SALP 1 rating from USNRC in area of "Plant Support" in 1993 and 1995;

- Developed multi-year $22 Million TVA-wide performance-based raw water chemical treatment partnering services contract coupled with plant hardware/software changes to reverse decades-old corrosion and high corrective maintenance cost trends, resulting in more than 300% net rate of return over a 15-year period; and served as Chairman of successful Browns Ferry readiness and self-assessment team effort which gained a reduced USNRC raw service water operational performance inspection, and saved at least $1.5 Million in regulatory burden costs;

- Chemical decontaminations of the Browns Ferry Reactor Recirculation, Reactor Water Cleanup, and Residual Heat Removal Systems piping to reduce source-term and worker radiation exposure to ALARA - this is recognized as one of the top five best decons in the world, and has avoided over $10 Million in O&M costs since Spring 1993;

- Served as Acting Chairman of TVA Radwaste Improvement Task Group which focused on streamlining water and waste project costs, [saved $4 Million], capital improvements, and reducing radwaste volumes, including plant makeup water and liquid radwaste evaluations and environmental impact of boron cycle operations and discharges;

- Developed layup program for idled Browns Ferry reactors which included over 30 dry/wet layup system operations procedures during 1986-1988 [to protect the plant's $1 Billion hardware assets from corrosion damage]; and

- Established plant facilities for remote tool and equipment decons and offsite decon/volume reduction services.

EDUCATION

B.S. Chemical Engineering, Auburn University, Auburn, Alabama, March 1982

A.A Degree, Brevard College, Brevard, North Carolina, May 1979

Supervison and Management, Leadership, Demming-Druckard Principles. Total Quality, Negotiating Skills Development, Root Cause and Problem Solving, Employee Diversity

GG000093

PUBLICATIONS

WORK EXPERIENCE

Tennessee Valley Authority
September 1995 to Present: Sequoyah Nuclear Plant, Chattanooga, TN
April 1990 to September 1995: Browns Ferry Nuclear Plant, Athens, AL

Project Manager, Project Management Managed several major capital and O&M projects supporting Browns Ferry unit 2 restart recovery and Sequoyah operations within budgets and schedules This involved managing regulatory and economic driven projects totaling over $75 Million in value from concept to implementation, ranging from $100,000 up to $25 Million. Projects included study, scoping, alternatives, cost-benefit evaluations, budget and forecasting, resourcing, prioritizing, and performance monitoring of project organization, deliverables, quality, regulatory compliance, costs, and schedule. Successful performance of the following specific projects has significantly contributed to Browns Ferry achieving a SALP 1 rating from the USNRC in the area of "Plant Support" in 1993 and 1995:

- Project manager for addressing decade-old raw water systems fouling and corrosion issues; developed a multi-year $22 Million TVA-wide performance-based raw water systems chemical treatment partnering services contract to resolve the corrosion problems (deposits, biofouling, and microbiologically induced) and reverse the high corrective maintenance cost trends; including hardware/software design and installation and monitoring plans; and served as Chairman of the successful Browns Ferry readiness and self-assessment team effort for gaining an USNRC reduced-scope raw service water operational performance inspection (Generic Letter 89-13), thereby saving an additional $1.5 Million in regulatory burden costs The chemical treatment project is on track to meet the greater than 300% net average rate of return estimate, and has been identified as a plant strength by independent industry peer evaluators,

- Removal of potential Tennessee River waterway pollutant, polychlorinated biphenyls (PCBs), from ten cooling tower switchyard transformers and reclassification to non-PCB status, and project plan to reduce the environmental and safety risks associated with 39 other PCB transformers,

- Reactor Recirculation Pump Shaft Replacement Upgrades to preclude significant plant downtime due to susceptible thermal fatigue cracking induced circumferential mechanical failures - this job was safely performed in 27 outage days - the best in the industry compared to the norm of 45 days, and saved additional $750,000 from renegotiating the vendor's field services contract and scope changes,

- Dilute chemical decontaminations of the Browns Ferry Reactor Recirculation, Reactor Water Cleanup, and Residual Heat Removal Systems piping to reduce worker radiation exposure to ALARA - this is recognized as one of the top five best chemical decons in the world and has conservatively saved over 10-Million in O&M costs since Spring 1993,

- Implementation of Reactor Water Level Instrumentation regulatory hardware modifications to resolve industry-generic non-condensible gas buildup and reactor level indication mismatch issues; Served two years (1993-1994) as TVA lead representative on industry Boiling Water Reactor Owners' Group Committee and with Electric Power Research Institute for planning, testing, and licensing resolution of this issue with the USNRC;

- Nuclear Thermal-Hydraulic Instability generic regulatory hardware/software changes to resolve potential industry experiences with unplanned power oscillations outside of the analyzed design basis; Served over four years (1991-1995) as the TVA lead representative on industry Boiling Water Reactor Owners' Group Committee to plan, develop and manage contracts, and prepare Browns Ferry and the industry for selection and implementation of a long-term hardware/software solution option acceptable to the USNRC,

- Implementation of sweeping regulatory changes to 10CFR20, Standards for Radiation Protection, in January 1994,

- Radioactive source-term reduction projects to phase-out Stellite/Cobalt-bearing alloys (e.g., Replacement of core cell Control Rod Blades, Control Rod Drives, and primary system valves) Served on the industry Boiling Water Reactor Owners' Group Committee on Cobalt Reduction, and

- 250 Volt-DC Main Battery Bank Replacement Upgrade, Main Generator Breaker Replacement Upgrade; and design basis recovery and hardware modifications to comply with post-Three Mile Island accident regulations (NUREG 0737), e.g., Postaccident Monitoring Instrumentation, Anticipated Transients Without Scram Rule, and Main Steam Automatic Depressurization Seal-in Control Logic

Tennessee Valley Authority, Nuclear Corporate, Chattanooga, TN
July 1989 to April 1990

Project Manager and Acting Chairman, Radwaste Improvement Task Group Directed, evaluated, and recommended capital and program improvements to the liquid radwaste processing systems In a limited time period, the Task Group focused on specific program efforts to reduce radwaste volumes and costs, and plan for resolving long-standing technical issues The Task Group was disbanded based, in part, on the Acting Chair's recommendation and Corporate cutbacks Accomplishments included.

- Saving $4 Million from budget expense as a direct result of establishing short-term goals and streamlining plantsite radwaste project priorities and costs,

- Overseeing development of plantsite water balance procedures to pinpoint water usage and radwaste processing inefficiencies; and a detailed operational and cost-benefit assessment of Sequoyah's Makeup Water Treatment Plant design and operations v contractor-supplied services [this also provided the basis for Watts Bar Nuclear's decision to contract makeup water treatment services in-lieu of finishing costly makeup plant construction];

- Providing an assessment of Sequoyah's boron cycle usage and costs, operations, and environmental impact of boron discharges related to reducing boric acid operating injections from 12-wt% to 4-wt% and eliminating problematic boric acid evaporators, and initiated Sequoyah's liquid radwaste inleakage and discharge processing evaluations. By 1993, Sequoyah had fully implemented the boric acid supply and processing changes

April 1989 to July 1989

Technical Supervisor, Waste Processing Systems Responsible for decontamination and chemical cleaning programs

December 1987 to April 1989

Chemical Engineer, Water and Waste Processing Prepared technical/economic evaluations for decontamination and waste management programs and disposal treatment options Reviewed changes in quality assurance topical safety analysis reports, and USNRC/USDOT packaging, transportation, and disposal regulations for adequacy, accuracy, and TVA impacts Performed technical assignments to improve plant liquid, solid, and chelated resin waste processing.

March 1982 to December 1987

Chemical Engineer in Operations Chemical Support. Provided technical support services to TVA's operating and construction nuclear plants - Browns Ferry, Sequoyah, Watts Bar, and Bellefonte. Prepared and analyzed daily plant chemistry reports for short- and long-term trends and corrective actions Prepared program standards and procedures for plant system/component layup and preservation, decontamination, and chemical cleaning programs/activities Assisted in evaluating and testing major cleaning processes for economic feasibility, oxide characterization and dissolution, material corrosion and metallurgical compatibility, occupational exposure ALARA, waste treatment and disposal reduction, and residual chemistry effects. Directed several onsite plant system chemical decontaminations, flushings, and steam generator sludge lancing operations Worked on development of and testing for post-operational chemical cleaning of the secondary-side of nuclear steam generators and plans for dealing with the resultant waste issues Developed numerous contract specs for purchase of materials, process equipment, and plant/offsite vendor services to support cleaning, layup, and low-level waste management projects Trained engineers and laborers on decon equipment operations and radwaste packaging

Three major accomplishments during this period are

- First-time TVA evolution of chemical decontaminations on all three Browns Ferry units Reactor Water Cleanup System Pumps in 1986, using a different qualified dilute chemical process on each of the six RWCS pumps;

- Preparation and application of over 30 system specific dry/wet layup operations procedures on idled Browns Ferry Units 1, 2, and 3 selected systems during 1986-1988 - these layup and equipment preservation practices were used as the basis for the layup program and methods at the rest of TVA's nuclear plants, and

- Developing and establishing the facilities for plantsite remote tool and component decons and long-term offsite decon and volume reduction services

BWR

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY

- quick study
- Doer
- Honest
- If you need help ask
- Driving force to completion

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.
- get up to speed on chem been out of line for ~1 yr
- enhance supt training

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?
- Chem Recon 1993
- Rx Engr, HI & Nuclear @ BFN,
- Reduced Rec
- Remove Cu

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

7) Describe 3 projects/programs you helped to initiate, develop, and complete in the Chemistry areas.
- Made up H2 treatment @ SQN – 1980 – contract or not
- Reduced 12% on fuel side

8) What do you see as the main role for this position?
did not point up reality or point of initiating the concern
Has been in Corporate & site @ BF

9) Describe the level of responsibility this position should have in contributing to the success of the site Chemistry programs. tech support as needed depending on what is needed, be accessible & timely

10) What is your method of getting work accomplished for the sites (i.e., how do you go about working out solutions and fixing problems)?
(1) H2 Water Chemistry

11) Describe at least 2 chemistry concerns of TVAN. · (2) chemical cleaning S/G · (3) condenser performance & SGs to keep cycle clean

12) Define the term "denting" and where and how does it occur?

13) What is Hydrogen Water Chemistry? How would Hydrogen Water Chemistry benefit BFN? injecting H2 to mitigate IGSCC in lower internals & vessel – advantage in unmonitored Rad dose fields

14) If an INPO evaluation determined that a concern should be a finding and you disagreed, how would you attempt to resolve the issue?

QUESTIONS FOR
PROGRAM MANAGER, CHEMISTRY
(page 2 of 2)

- Not familiar w/ resin
- not familiar w/ containment in Bwr
- ~~Hair~~

15) Discuss the INPO Chemistry Index. What is its significance?

16) Discuss your specific management experience and training.

- how does Engr. work working on them
- has been project on various areas, both capital & major capital
- some program mgr experience

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Overall -

technical
- fair on H2 water chemistry
- not familiar w/ those calculated or Tech aspects & bwr

Communicator
- fair verbally -
- worried about not making people mad/upset

- See a little nervous, but basically relaxed & able to expand on issues - not afraid to talk about issues.

Date: July 18, 1996

POSITION: Buyer

NAME: Traynor

REVIEW BOARD MEMBER: R Rogers

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	6	
2	7	See additional Questions Sheet 3
7	7	
9	7	
11	6	
13	6	
15	4	
16	5	

TOTAL POINTS: 46/70

CG000098

QUESTIONS FOR
PROGRAM MANAGER, RADWASTE/ENVIRONMENTAL PROTECTION

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

7) Much of this job requires negotiating contracts for the processing, transportation, and disposal of low-level radioactive waste for the sites. What experience do you have that qualifies you to initiate and conduct these negotiations while protecting TVA and the nuclear plants?

8) Discuss the current national problem concerning Low-Level Radioactive Waste Compacts. What is the status of the Southeast Compact regarding the siting of a low-level radioactive waste facility?

9) Discuss the TVAN Environmental Compliance Program. What are TVAN's FY 96 targets/goals?

10) One of the duties of this position is to act as the Radiological Assessment Manager or Radiological Assessment Coordinator in the CECC in the event of an accident or for drills. What experience or training do you have to qualify you for this position?

11) Two of the duties of this position are to maintain the Radioactive Material Shipment Manual and to act as Application Owner and certify changes to quality-related radioactive material shipment software (RADMAN). What experience or training qualifies you to perform these duties while ensuring that the nuclear plants and other TVAN shippers make radioactive material and radwaste shipments in accordance with applicable NRC, DOT, and disposal facility requirements?

QUESTIONS FOR
PROGRAM MANAGER, RADWASTE/ENVIRONMENTAL PROTECTION
(page 2 of 2)

12) What does the acronym "EIC" mean and what is the function of this group?

13) How are hazardous waste spills handled at the sites?

14) Discuss some basic differences in the handling of low-level radioactive waste and hazardous waste. • familiar with Big picture difference
• talked about worker protection mostly

15) Discuss regulations corresponding to low-level radioactive waste and to hazardous waste.

16) What is your personal philosophy regarding the protection of the environment?

17) Discuss the Chemical Traffic Control (CTC) Program at the sites. Why does this program exist?

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• Asked question about what are expectations are of Corporate in this position

technical
• fair in Radwaste area
• He strongly believes he is a hall dog on issues

Date: July 18, 1996

POSITION: Radcomte

NAME: Traynor

REVIEW BOARD MEMBER: R. Rogers

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	6	See Question sheet
2	7	
7	8	
8	6	
9	5	
10 ~~11~~	5	
11 ~~12~~	6	
14	6	

TOTAL POINTS: 47/11

GG000101

DIEDRE NIDA, 4:15-5:00
Radwaste

EMPLOYEE APPLICATION FOR ANNOUNCED
VACANT POSITION

Received:

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

1. Name Nida (Last) Diedre (First) Bryant (Middle) 2. Soc. Sec. No. [redacted]

3. Present Job Title Program Specialist 4. Schedule & Grade PG 07

5. Organization TVAN Department Chemistry / Environmental Protection

I wish to apply for the following vacant position:

6. Announcement Number 10707 7. Vacant Position Job Title Program Mgr. Radwaste / Environmental Prot.

8. Schedule & Grade PG 08 9. Organization TVA Nuclear Department RAD & Chem Control

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) on page 2.

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

Education - B. S. degree in Chemistry UTC , March 1996 GPA 3.43

Work Experience / Training - I have 15 years experience with TVA. The last year I have spent as an Environmental Specialist with TVAN. In this year's time, I have been trained in 40 Hour Hazwoper, Asbestos Laws and Regulations, DOT General Awareness, Managing PCBs, Hazardous Waste Management, and ISO 14000 Series

From 1981 until 1995, I worked as a Chemist for TVAN at SQN and WBN. During that time, I got extensive training in procedure writing, laboratory instrumentation (both operation and repair), and sampling of both Radiological and Nonradiological chemistry and environmental samples.

While in the Chemistry Department, I performed sampling, analysis, and dose calculations for all Radioactive Air Emissions at SQN.

I have unescorted access to all Nuclear Plants

I have good communication skills. I have had communications with other TVA organizations, as well as the state's environmental organizations, and EPA.

I also have good computer skills

1. Name Nida (*Last*) Diedre (*First*) Bryant (*Middle*) 2. Soc. Sec. No. [redacted]

12. 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 Diedre B. Nida Date 6-21-96

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 the above, unless the information is in form of a certificate or similar document.

GG000104

Diedre B. Nida

[redacted]

(423) 751-8123 (W) [redacted]

Objective

To work in a position in the Environmental or Chemistry area where my training and skills can be applied, and progress to a management / supervisory level position.

Summary of qualifications

1981 - 1996

Tennessee Valley Authority
Chattanooga, Tennessee 37402

- 1995 - present Environmental Specialist Corporate TVAN (Nuclear)
- 1981-1995 - Radiochemical Laboratory Analyst TVAN

Work experience

- Experience in the Environmental Coordination of TVAN responses to other TVA organizations as well as EPA and State Environmental Agencies. Deal with all Environmental Areas: CAA, CWA, RCRA, TOSCA, NPDES, CERCLA, etc.
- Interaction between TVAN and other TVA organizations as well as EPA and State Environmental Agencies
- Extensive laboratory experience in sampling and analysis for Environmental Samples, Radioactive Samples, and Chemical Samples. Instruments operated are as follows: Ion Chromatograph, Atomic Absorption Spectrophotometer, Gas Chromatograph, Titrators, pH meters, Gamma Spectrophotometer, Liquid Scintillation Counter, UV/Vis Spectrophotometer, Turbidimeter, Total Organic Carbon Analyzer, and Conductivity Detector
- Extensive experience in troubleshooting and maintenance of laboratory equipment as follows: Ion Chromatograph, Total Organic Carbon Analyzer, Atomic Absorption Spectrophotometer, UV/Vis Spectrophotometer, and Conductivity Detector
- Extensive experience in training personnel on procedures, sampling, and instrumentation
- Extensive experience in Procedure writing and revisions - Good computer skills

Education

May 1996

University of Tennessee at Chattanooga - Bachelor of Science Degree, Chemistry GPA - 3.43

Training

- 40 Hour Hazwoper Training
- Asbestos Laws and Regulations Seminar
- Department of Transportation (DOT) General Awareness Training
- Managing PCBs - Regulatory Training
- Hazardous Waste Management
- ISO 14000 Series Overview
- ANSI approved Radiochemical Laboratory Analyst

Security clearance

Have current Security Clearance for unescorted access into Nuclear Plants

Extracurricular activities

Member of Central Baptist Church in Hixson Tennessee - teach Sunday School, sing in Choir, lead singing in Children's Church

References

Provided upon request

must get to know people @ sites to be effective — has been able to do this in current

QUESTIONS FOR
PROGRAM MANAGER, RADWASTE/ENVIRONMENTAL PROTECTION

(page 1 of 2)

• environmental
• chem lab experience

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.
• radwaste

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

• Negotiated contracts in chem area for SQN
• Negotiated in Recon area

7) Much of this job requires negotiating contracts for the processing, transportation, and disposal of low-level radioactive waste for the sites. What experience do you have that qualifies you to initiate and conduct these negotiations while protecting TVA and the nuclear plants?
• not familiar w/ details — was up front about lack of experience there

8) Discuss the current national problem concerning Low-Level Radioactive Waste Compacts. What is the status of the Southeast Compact regarding the siting of a low-level radioactive waste facility?

— no longer to be a leader, just in compliance

9) Discuss the TVAN Environmental Compliance Program. What are TVAN's FY 96 targets/goals? General familiar with some areas;
deal w/ slack & UST requirements

Key areas (chemical compliance (air, water, temp)
(2 Hazardous waste

10) One of the duties of this position is to act as the Radiological Assessment Manager or Radiological Assessment Coordinator in the CECC in the event of an accident or for drills. What experience or training do you have to qualify you for this position?
• no real (have had due date training) would require some experience

11) Two of the duties of this position are to maintain the Radioactive Material Shipment Manual and to act as Application Owner and certify changes to quality-related radioactive material shipment software (RADMAN). What experience or training qualifies you to perform these duties while ensuring that the nuclear plants and other TVAN shippers make radioactive material and radwaste shipments in accordance with applicable NRC, DOT, and disposal facility requirements?

no Rad Con training Hazardous
Had DOT training & Radwaste training

QUESTIONS FOR
PROGRAM MANAGER, RADWASTE/ENVIRONMENTAL PROTECTION

12) What does the acronym "EIC" mean and what is the function of this group?

13) How are hazardous waste spills handled at the sites?

(14) Discuss some basic differences in the handling of low-level radioactive waste and hazardous waste. must not mix!

15) Discuss regulations corresponding to low-level radioactive waste and to hazardous waste.

16) What is your personal philosophy regarding the protection of the environment?

17) Discuss the Chemical Traffic Control (CTC) Program at the sites. Why does this program exist?

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Hazardous —
low-level rad — } familiar with basic guidelines of what they are

- generally familiar with basic handling
- ~~no specific ...~~ - no experience — has tried to read up on it before interview

Overall

- Technical
  - weak in Radwaste —
  fair in Environmental

- why a chem tech — wanted to get good & complete (i.e. school) have written lab procedures wanted to give 100%
- Ask plants How are Environ. handled —

communication
- fair - good particularly in known areas

GG000108

Intelligence/Curiosity
- what can be brought to job — has lot of chem experience & ... experience
- knows ... — ~~...~~ ...

... skills

Date: July 18, 1996

POSITION: Radiologist

NAME: Pierre Vida

REVIEW BOARD MEMBER: R Rogers

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	6	
2	6	
7	6	
8	4	
9	6	
10	5	
11	5	
14	6	

See Question Page

TOTAL POINTS: 43/70

LENON RIALES, 5:00-5:45
Programmatic & Radwaste

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

This form is to be completed 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 Riales (*Last*) Lenon (*First*) J. (*Middle*) 2. Soc. Sec. No. [redacted]

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

5. Organization Nuclear Operations/Operations Support Department Radiological Control

I wish to apply for the following vacant position:

6. Announcement Number 10705 7. Vacant Position Job Title Program Manager, Rad Control (Programmatic)

8. Schedule & Grade PG-8 9. Organization Nuclear Ops/Ops Supp Department Rad & Chem Control

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) on page 2.

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 and the latest annual service review.

1. Name Riales (*Last*) Lenon (*First*) J. (*Middle*) 2. Soc. Sec. No. [redacted]

12. If announcement specified test requirements, have you qualified on the required test(s)? Not applicable

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

Signature Lenon J Riales Date June 14, 1996

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 the above, unless the information is in form of a certificate or similar document.

GG000112

RESUME

NAME:	Lenon J. Riales III
TITLE:	Program Manager, Radiological Control
ORGANIZATION:	Radiological Control Radiological Control and Chemistry/Environmental Operations Support Nuclear Operations TVA Nuclear
EDUCATION:	Bachelor of Science in Nuclear Engineering University of Tennessee at Knoxville - 1974

EXPERIENCE:

August 1969	Cooperative Engineering Student - Division of Power Resource Planning. Duties: Conversion of reactor physics computer codes, commitment tracking for quality assurance (three years total work time).
June 1974	SD-1 Nuclear Engineer, Division of Power Production, Chattanooga. Duties: Low-level radwaste packaging, transportation, and disposal; contract administration; environmental impact document preparation and review for Hartsville, Phipps Bend, and Yellow Creek Nuclear Plants.
November 1975	SD-2, Nuclear Engineer, Outage Management, Browns Ferry. Duties: Planning and scheduling of modifications and repairs during the Browns Ferry Fire Recovery effort.
April 1976	SD-2, Nuclear Engineer, Division of Power Production, Chattanooga. Duties: Low-level radwaste packaging, transportation, and disposal; contract administration; environmental impact document preparation and review for Hartsville, Phipps Bend, and Yellow Creek Nuclear Plants.
June 1977	SD-3, Nuclear Engineer, Reactor Engineering Section, Chattanooga. Duties: Central office coordination of radwaste management, evaluation of volume reduction and disposal alternatives, and contract administration.
January 1979	SD-4 , Nuclear Engineer, Radwaste Systems Development Section, Chattanooga. Duties: Disposal and storage alternatives, volume reduction, regulatory compliance, equipment procurement, and contract administration.

RESUME (Continued)

NAME: Lenon J. Riales III

EXPERIENCE (Continued)

July 1980	M-5, Supervisor, Radwaste Systems Development Section, Chattanooga. Duties: Section administration of 5 employees, disposal and storage alternatives, volume reduction, regulatory compliance, and contract administration.
June 1982	M-5, Supervisor, Radwaste Operations Section, Chattanooga. Duties: Section administration of 4 employees, radioactive material packaging, shipment, and disposal; radwaste allocation program, operational support and contract administration for site radwaste activities.
October 1982	M-6, Group Head (Acting), Radwaste Management Group, Chattanooga. Duties: Supervision of a group consisting of the Radwaste Operations Section and the Radwaste Systems Development Section (12 employees).
November 1985	M-6, Group Head (Acting), Applications Engineering Group, Chattanooga. Duties: Supervision of a group consisting of the Welding and Metallurgy Section, Chemistry Support Section, Containment Test Section, and Radwaste Operations Section (23 employees).
October 1987	M-6, Project Manager (Radwaste), Radiological Control, Chattanooga. Duties: Management of radwaste projects, standardization of radwaste application software, evaluation of radwaste systems, technical support on radwaste handling, transportation, and disposal, radiological emergency center support.
October 1990	PG-8, Program Manager (Radiological Control), Radiological Control, Chattanooga. Duties: Management of radwaste projects, maintenance of Corporate procedures, application owner of radwaste software, evaluation of radwaste systems, technical support of radwaste handling, transportation, and disposal; oversight of site Radiological Control activities, radiological emergency center support.

RESUME (Continued)

NAME: Lenon J. Riales III

EXPERIENCE (Continued)

September 1991	PG-8, Program Manager (Radiological Control), Sequoyah Nuclear Plant. Duties: Support of Sequoyah Nuclear Plant during the Unit 1, Cycle 5 refueling outage, installation, testing, and implementation of radwaste shipment software, assistance with radioactive material shipments, preparation of Sequoyah 's mixed waste inventory for DOE.
December 1991 to Present	PG-8, Program Manager (Radiological Control), Radiological Control, Chattanooga. Duties: Lead Radiological Control contact for Browns Ferry Nuclear Plant; management of radwaste projects; maintenance of Corporate procedures; application owner of radwaste software; evaluation of radwaste systems; technical support of radwaste handling, transportation, storage, and disposal; technical support for quality assurance evaluations; radiological emergency center support.

PUBLICATIONS AND PRESENTATIONS:

Tennessee Valley Authority's Radioactive Waste Management and Associated Environmental Impacts - Madonna E. Martin and Lenon J. Riales - Presented at Waste Management 81, Tucson, Arizona, March 8, 1981.

Onsite Storage of Radioactive Waste, Presented at the 1981 Joint Power Generation Conference, St. Louis, Missouri, October 8, 1981.

News Media Seminar, Radioactive Waste Storage and Volume Reduction, January 12, 1983.

Presentation to Oak Ridge Associated Universities on Low-Level Radwaste Management, January 3, 1984.

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Presentation on Radwaste Management to the DOE Low-Level Waste Treatment Workshop, - Washington, D.C., August 20, 1985.

RESUME (Continued)

NAME: Lenon J. Riales III

PUBLICATIONS AND PRESENTATIONS (Continued)

The History of Low-Level Radwaste Storage At Tennessee Valley Authority - Presentation to the State of Texas Low-Level Waste Authority, February 26, 1986.

TVA Low-Level Radwaste Generation In The State of Tennessee - Presented to the Tennessee Department of Radiological Health, September 6, 1988.

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TVA Elementary School Teacher's Seminar Low-Level Radioactive Waste Management - February 23, 1991.

Radwaste Briefing For TVA Chairman Marvin Runyon - Internal TVA paper, July 8, 1991.

Disposal/Storage Action Plan For Management of TVA Nuclear Plant Low-Level Radwaste - Internal TVA Study, March 27, 1992.

Panel Presentation and Discussion - Volume Reduction of Radioactive Waste - Scientific Ecology Group Users Meeting, September 17, 1992.

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White Paper - Below Regulatory Concern (BRC) Wastes - Internal TVA paper, April 30, 1993.

Disposal Of Low-Level Radioactive Waste: An Expensive And Uncertain Environment For A Utility - W. C. McArthur, Lenon Riales, Glenn Hudson, S. G. Bugg, and J. D. Osborne, Health Physics Society, San Francisco, California, June 26, 1994

Radwaste Volume Minimization - Development and Implementation Of A Plan For Success At TVA Nuclear Plants - Lenon J. Riales and Mark Lewis, Waste Management 96, Tucson, Arizona, February 26, 1996.

RESUME (Continued)

NAME: Lenon J. Riales III

NATIONAL COMMITTEES:

Committee Member, Atomic Industrial Forum National Environmental Studies Project (AIF/NESP), Methodologies For Classification of Low-Level Radioactive Wastes From Nuclear Power Plants, AIF/NESP-027.

Member, Electric Power Research Institute (EPRI) Technical Advisory Committee, Below Regulatory Concern Waste Project.

Member, American Nuclear Society (ANS) N16.1 Committee, Leachability Testing For Solidified Radioactive Material.

Member, Edison Electric Institute (EEI) Utility Nuclear Waste Management Group, Low-Level Radwaste Committee.

TVA Equipment Committee Representative, PIMS Post-Accident Sampling Cask.

Member, Nuclear Energy Institute (NEI) Low-Level Radwaste Working Group.

Member, Southeast Utility Generator Group.

TRAINING:

Root Cause Analysis
General Employee Training (GET) for Radiological Workers (Level 2), Fitness For Duty, Health and Safety, and Security training (badged for access for all three TVA nuclear plants).
Advanced Radioactive Material Packaging and Disposal Training
Radwaste Computer Code Training, Use of RADMAN and Associated Codes.
Skills Assessment and Development Training
Orientation To Nuclear Supervision
Managing For Excellence
Condition Adverse To Quality Training
Franklin Time Management
Unreviewed Safety Question Determination Training
Radiological Assessment Manager/Radiological Assessment Coordinator Training
Total Quality Management
Reactivity Management
Customer Focus Training
10 CFR Part 20 Training
Statistical Process Control

NAME: Lenon J. Riales III

TRAINING (Continued)

Technical Contract Manager Training
Self Assessment Training
Local Area Network (LAN) Training
External Dosimetry Training - Panasonic TLD Fundamentals
Pursuing Environmental Quality at TVA

SPECIALIZATIONS AND PROFICIENCIES

Computer programming and use - FORTRAN, BASIC; Lotus 123, Freelance, Microsoft Word, Excel, PowerPoint, Windows, Internet usage, and RADMAN.
Liaison with State and Federal regulators
Radioactive Material Shipment (DOT/NRC qualified)
Contract administration
Quality assurance for NRC-approved shipping packages
Computer code procurement and software quality assurance
Procedure writing and maintenance
Radiological Emergency Control Center support
Regulatory interpretation (NRC and DOT regulations)
Program assessment, trending, and overview

RECENT MAJOR PROJECTS

Evaluation of Centralized TVA Laundry for Protective Clothing
Procurement of Computer Codes
Technical Contract Manager (Laundry, Radwaste Services, Radwaste Disposal, Radwaste Processing, Radiological Control Technicians, Computer code maintenance)
Low-Level Radwaste Storage Module Upgrade
Reformatting and revision of the TVA Radioactive Material Shipment Manual
Evaluation of site Radiological Control and Radwaste Management Programs
Utility interface - the North Carolina and South Carolina disposal situation
Incident Investigations (Browns Ferry and Sequoyah Nuclear Plants)

RESUME

NAME: Lenon J. Riales III

TITLE: Program Manager, Radiological Control

ORGANIZATION: Radiological Control
Radiological Control and Chemistry/Environmental
Operations Support
Nuclear Operations
TVA Nuclear

EDUCATION: Bachelor of Science in Nuclear Engineering
University of Tennessee at Knoxville - 1974

EXPERIENCE:

August 1969	Cooperative Engineering Student - Division of Power Resource Planning. Duties: Conversion of reactor physics computer codes, commitment tracking for quality assurance (three years total work time).
June 1974	SD-1 Nuclear Engineer, Division of Power Production, Chattanooga. Duties: Low-level radwaste packaging, transportation, and disposal; contract administration; environmental impact document preparation and review for Hartsville, Phipps Bend, and Yellow Creek Nuclear Plants.
November 1975	SD-2, Nuclear Engineer, Outage Management, Browns Ferry. Duties: Planning and scheduling of modifications and repairs during the Browns Ferry Fire Recovery effort.
April 1976	SD-2, Nuclear Engineer, Division of Power Production, Chattanooga. Duties: Low-level radwaste packaging, transportation, and disposal; contract administration; environmental impact document preparation and review for Hartsville, Phipps Bend, and Yellow Creek Nuclear Plants.
June 1977	SD-3, Nuclear Engineer, Reactor Engineering Section, Chattanooga. Duties: Central office coordination of radwaste management, evaluation of volume reduction and disposal alternatives, and contract administration.
January 1979	SD-4 , Nuclear Engineer, Radwaste Systems Development Section, Chattanooga. Duties: Disposal and storage alternatives, volume reduction, regulatory compliance, equipment procurement, and contract administration.

RESUME (Continued)

NAME: Lenon J. Riales III

EXPERIENCE (Continued)

July 1980	M-5, Supervisor, Radwaste Systems Development Section, Chattanooga. Duties: Section administration of 5 employees, disposal and storage alternatives, volume reduction, regulatory compliance, and contract administration.
June 1982	M-5, Supervisor, Radwaste Operations Section, Chattanooga. Duties: Section administration of 4 employees, radioactive material packaging, shipment, and disposal; radwaste allocation program, operational support and contract administration for site radwaste activities.
October 1982	M-6, Group Head (Acting), Radwaste Management Group, Chattanooga. Duties: Supervision of a group consisting of the Radwaste Operations Section and the Radwaste Systems Development Section (12 employees).
November 1985	M-6, Group Head (Acting), Applications Engineering Group, Chattanooga. Duties: Supervision of a group consisting of the Welding and Metallurgy Section, Chemistry Support Section, Containment Test Section, and Radwaste Operations Section (23 employees).
October 1987	M-6, Project Manager (Radwaste), Radiological Control, Chattanooga. Duties: Management of radwaste projects, standardization of radwaste application software, evaluation of radwaste systems, technical support on radwaste handling, transportation, and disposal, radiological emergency center support.
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RESUME (Continued)

NAME: Lenon J. Riales III

EXPERIENCE (Continued)

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NAME: Lenon J. Riales III

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RESUME (Continued)

NAME: Lenon J. Riales III

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Committee Member, Atomic Industrial Forum National Environmental Studies Project (AIF/NESP), Methodologies For Classification of Low-Level Radioactive Wastes From Nuclear Power Plants, AIF/NESP-027.

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Member, Edison Electric Institute (EEI) Utility Nuclear Waste Management Group, Low-Level Radwaste Committee.

TVA Equipment Committee Representative, PIMS Post-Accident Sampling Cask.

Member, Nuclear Energy Institute (NEI) Low-Level Radwaste Working Group.

Member, Southeast Utility Generator Group.

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Orientation To Nuclear Supervision
Managing For Excellence
Condition Adverse To Quality Training
Franklin Time Management
Unreviewed Safety Question Determination Training
Radiological Assessment Manager/Radiological Assessment Coordinator Training
Total Quality Management
Reactivity Management
Customer Focus Training
10 CFR Part 20 Training
Statistical Process Control

RESUME (Continued)

NAME: Lenon J. Riales III

TRAINING (Continued)

Technical Contract Manager Training
Self Assessment Training
Local Area Network (LAN) Training
External Dosimetry Training - Panasonic TLD Fundamentals
Pursuing Environmental Quality at TVA

SPECIALIZATIONS AND PROFICIENCIES

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Liaison with State and Federal regulators
Radioactive Material Shipment (DOT/NRC qualified)
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Quality assurance for NRC-approved shipping packages
Computer code procurement and software quality assurance
Procedure writing and maintenance
Radiological Emergency Control Center support
Regulatory interpretation (NRC and DOT regulations)
Program assessment, trending, and overview

RECENT MAJOR PROJECTS

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Low-Level Radwaste Storage Module Upgrade
Reformatting and revision of the TVA Radioactive Material Shipment Manual
Evaluation of site Radiological Control and Radwaste Management Programs
Utility interface - the North Carolina and South Carolina disposal situation
Incident Investigations (Browns Ferry and Sequoyah Nuclear Plants)

QUESTIONS FOR

PROGRAM MANAGER, RADIOLOGICAL CONTROL (PROGRAMMATIC)

• experience in radwaste Beam in plant & corporate
• Audits / self assessments — know people at sites

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position. manpower to do work load — not enough people to do work — handle strong functions

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

Not familiar with details — Limited Knowledge

7) What does the term NVLAP mean and what is the purpose of NVLAP?

8) Discuss the need for a comprehensive radiation litigation management program and what are some of the weaknesses one should look for in a radiation protection program? Talk needs strong program, Must be able to show that DOE was not responsible for injuries etc; dose records are not very good from ~~60~~ 70's

9) What level of ionizing radiation exposure to individuals in the public do you consider to be a threshold for requiring action?

10) There have been reports of increased longevity and decreased cancer death rates for populations exposed to high natural background levels of radiation. These observations contradict the radiation paradigm that all radiation, including that of natural background, is harmful in linear proportion to high level dose. What are your thoughts regarding the linear versus non-linear dose response controversy?

No basic opinion.

11) What are the functions of the Radiological Effects Advisory Group?

Limited knowledge of make up, function. — Never been a mbr

12) What are the two potential areas for Radiation Injury Claims?

13) What are the major differences between the two types of injury claims?

QUESTIONS FOR
PROGRAM MANAGER, RADIOLOGICAL CONTROL (PROGRAMMATIC)

14) What can be done to reduce the potential of radiation injury claims?

15) In general, what are the major factors in a successful radiation injury claim defense?

16) What is the role of the NVLAP Authorized Representative? What are the major responsibilities?

17) What are the major functions of the radiological records and record system?

18) What is the Radiological Control Records Recovery Project (SCAR940002)?

19) What is REXS? What are its major functions?

20) What areas of REXS require improvements?

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Date: July 18, 1996

POSITION: R/C Programmatic

NAME: Riales

REVIEW BOARD MEMBER: R Rogers

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	7	
2	~~7~~ 6	See question sheet
7	2	
8	5	
10	2	
11	4	
15	~~4~~ 7	
17	4	

TOTAL POINTS: ~~34~~ 37

EG000129

QUESTIONS FOR
PROGRAM MANAGER, RADWASTE/ENVIRONMENTAL PROTECTION

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

Chem Rad is used as industry example

7) Much of this job requires negotiating contracts for the processing, transportation, and disposal of low-level radioactive waste for the sites. What experience do you have that qualifies you to initiate and conduct these negotiations while protecting TVA and the nuclear plants? • has written specs for all present contracts

- dealing w/ contractors since '7
- transfer of LLW to a
- dealt w/ multi-site contractor
- dealt w/ vendors

8) Discuss the current national problem concerning Low-Level Radioactive Waste Compacts. What is the status of the Southeast Compact regarding the siting of a low-level radioactive waste facility? key knowledge in this area — license history, status,

9) Discuss the TVAN Environmental Compliance Program. What are TVAN's FY 96 targets/goals? Not lot of experience, Mostly dealt w/ general environmental with lt of non compliance, Not familiar with latest issues.

10) One of the duties of this position is to act as the Radiological Assessment Manager or Radiological Assessment Coordinator in the CECC in the event of an accident or for drills. What experience or training do you have to qualify you for this position?

has held the position (RAM) 5 times & RAC at least 10 times for a 3 yr. per.

11) Two of the duties of this position are to maintain the Radioactive Material Shipment Manual and to act as Application Owner and certify changes to quality-related radioactive material shipment software (RADMAN). What experience or training qualifies you to perform these duties while ensuring that the nuclear plants and other TVAN shippers make radioactive material and radwaste shipments in accordance with applicable NRC, DOT, and disposal facility requirements?

GG000130

- has maintained annual qualifications & training
- has 22 yrs experience
- keeps familiar w/ regulations

Application Owner.

QUESTIONS FOR
PROGRAM MANAGER, RADWASTE/ENVIRONMENTAL PROTECTION

12) What does the acronym "EIC" mean and what is the function of this group?

13) How are hazardous waste spills handled at the sites?

14) Discuss some basic differences in the handling of low-level radioactive waste and hazardous waste. knowledgable of each difference — knows has breath of this area

15) Discuss regulations corresponding to low-level radioactive waste and to hazardous waste.

16) What is your personal philosophy regarding the protection of the environment?

17) Discuss the Chemical Traffic Control (CTC) Program at the sites. Why does this program exist?

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overall

tech
- very good in Radwaste
- limited in Environmental
-

communications
- good verbal
-

- aware of limitations in Environmental
- confident of knowledge in Radwaste

Date: July 18, 1996

POSITION: Laboratorie

NAME: Rivkes

REVIEW BOARD MEMBER: R. Rogers

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	7	See question sheet
2	6	
7	9	
5	9	
9	6	
10	9	
11	9	
14	5	

TOTAL POINTS: 63/70

GG000132

JOHN LOBDELL, 5:45-6:30

Programmmatic & Tech
Support

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received:

This form is to be completed 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 LOBDELL (*Last*) JOHN (*First*) L. (*Middle*) 2. Soc. Sec. No. [redacted]

3. Present Job Title SUPERVISOR, INST. CALIB. REPAIR ,CONTROL 4. Schedule & Grade PG-7

5. Organization OPERATIONS SUPPORT Department SEE BELOW *

* Environmental Radiological Monitoring & Instr.

I wish to apply for the following vacant position:

6. Announcement Number 10705 7. Vacant Position Job Title Program Manager, RAD Control

8. Schedule & Grade PG-8 9. Organization Nuclear Operations Department Ops Spt/Rad & Chem Control

Work Location Chattanooga, TN

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) on page 2.

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

1. Name LOBDELL JOHN L. 2. Soc. Sec. No. [redacted]

Last *First* *Middle*

12. If announcement specified test requirements, have you qualified on the required test(s)? NA

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

Signature John Lobdell Date 6/18/96

TVA Mailing Address WAR 1A-Muscle Shoals, AL

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 the above, unless the information is in form of a certificate or similar document.

GG000135

John L. Lobdell, Ph.D., C.H.P.
[redacted]
(205) 386-3773 (work)
E-mail(work): idxgu@tva.gov
[redacted]

Education:

B.S. in Physics with a minor in Mathematics, Spring Hill College, Mobile, Alabama, 1964.

M.S.P.H. in Radiological Hygiene, University of North Carolina at Chapel Hill, 1968.

Ph.D. in Health Physics, Georgia Institute of Technology, 1995. Research Topic: "Dose Rate and Spectral Photon Measurements Around a Large BWR Using a Tissue Equivalent Plastic Scintillator." Advisor: Dr. N. E. Hertel.

Five week class in Boiling Water Reactor Technology at Browns Ferry Nuclear Plant, 1969.

"Occupational & Environmental Radiation Protection", Harvard School of Public Health, August 19-23, 1985.

"Health Physics in Radiation Accidents", Oak Ridge Associated Universities, September 8-12, 1986.

"Workshop on Measurement Quality Assurance for Ionizing Radiation", National Institute of Standards and Technology (NIST), March 16-18, 1993

"Media Center Appearances", C. S. Armstrong Associates, Inc., September 8, 1994

Professional Certification:

Certified in Health Physics by the American Board of Health Physics, 1972. Recertified in 1981, 1985, 1989, and 1993.

Lead Auditor as defined by ANSI N45.2.23-1978, "Qualification of Quality Assurance Program Audit Personnel for Nuclear Power Plants".

Health Physics Work Experience:

July 1964 to August 1966:

Employed by the Alabama and Virginia Departments of Health to operate the counting rooms to determine the radioactive content of environmental samples.

June 1968 to present, employed by the Tennessee Valley Authority, Muscle Shoals, Alabama.

From June 1968 to December 1979, I supervised the operation of the following programs: environmental radiological monitoring around TVA's nuclear power plants, health physics training, applied health physics services, film badge and TLD personnel monitoring services, whole body counting, and calibration of portable radiation survey instrumentation.

From December 1979 to May 1980, I coordinated within TVA the modification of the radiological emergency plan for all of TVA's operating nuclear power plants in compliance with NUREG-0654 "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants".

From June 1980 to May 1982, I supervised a Quality Assurance/ALARA Staff. The Staff provided quality assurance services to a large health physics organization.

From June 1982 to April 1985, I was the Staff Health Physicist in the office of the Chief, Health Physics Services. I provided health physics expertise to the Chief and all sections within the organization. During a ten month period, I was assigned to the Browns Ferry Nuclear Plant as the health physicist on a recirculation pipe replacement project on unit 1.

From May 1985 to October 1986, I managed a Dosimetry Section that coordinated and provided direction for the internal and external dosimetry programs in TVA.

From November 1986 to present, I manage a section that repairs, maintains, modifies, and calibrates portable radiation survey instrumentation.

June 1991 to present:

I serve as a Technical Expert for the National Voluntary Laboratory Accreditation Program (NVLAP) for the Secondary Calibration For Ionizing Radiation Laboratory Accreditation Program. I audit and assess laboratory programs to determine if they meet the qualifications to be accreditated as a secondary calibration laboratory for ionizing radiation.

Teaching Experience: September 1989 to August 1994:

I taught four subjects at Shoals Community College: physics with calculus, two classes in physics without calculus, and health physics for radiographers. I taught a total of 14 quarters.

Significant Papers and Publications:

"Suitability of Glass-Encapsulated CaF_2:Mn Thermoluminescent Dosimeters for Environmental Radiation Surveillance", presented at the National Health Physics Society Meeting in Miami, June 1973.

"A TLD System for Personnel Monitoring", presented at the meeting of the Deep South and Alabama Chapters of the Health Physics Society, Gulf Shores, Alabama, August 1977.

"Training for a Viable Nuclear Power Plant Radiological Emergency Plan", presented at the Thirteenth Midyear Topical Symposium of the Health Physics Society, Honolulu, December 1979.

"Health Physics Planning for Recirculation Pipe Replacement at a BWR", presented at the annual meeting of the American Nuclear Society, New Orleans, June 1984.

"Calibration of DMC-90s in TVA", presented at the Merlin Gerin User's Group Meeting, Atlanta, April 1992.

"A Tissue Equivalent Detector Photon Response Matrix", presented at the winter meeting of the American Nuclear Society, San Francisco, October 1995.

I am planning to present two papers at the Annual Health Physics Society Meeting in Seattle in July 1996. The titles are: "Dose Rate And Spectral Photon Measurements Around A Large BWR" (THAM-D.6) and "Scanning Personnel For Internal Deposition Of Radioactive Material With Personnel Contamination Whole Body Friskers And Portal Monitors" (THAM-D.8).

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8. Schedule & Grade PG-8 9. Organization Nuclear Operations Department Ops Spt/Rad & Chem Control

Work Location Chattanooga, TN

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) on page 2.

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

1996 JUN 9 AM 8:55

GG000138

1. Name LOBDELL JOHN L. 2. Soc. Sec. No. [redacted]

Last *First* *Middle*

12. If announcement specified test requirements, have you qualified on the required test(s)? NA

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

Signature John Lobdell Date 6/18/96

TVA Mailing Address WAR 1A-Muscle Shoals, AL

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 the above, unless the information is in form of a certificate or similar document.

GG000139

John L. Lobdell, Ph.D., C.H.P.
[redacted], (205) 386-3773 (work)
E-mail(work): jdxcu@tva.gov
[redacted]

Education:

B.S. in Physics with a minor in Mathematics, Spring Hill College, Mobile, Alabama, 1964.

M.S.P.H. in Radiological Hygiene, University of North Carolina at Chapel Hill, 1968.

Ph.D. in Health Physics, Georgia Institute of Technology, 1995. Research Topic: "Dose Rate and Spectral Photon Measurements Around a Large BWR Using a Tissue Equivalent Plastic Scintillator." Advisor: Dr. N. E. Hertel.

Five week class in Boiling Water Reactor Technology at Browns Ferry Nuclear Plant, 1969.

"Occupational & Environmental Radiation Protection", Harvard School of Public Health, August 19-23, 1985.

"Health Physics in Radiation Accidents", Oak Ridge Associated Universities, September 8-12, 1986.

"Workshop on Measurement Quality Assurance for Ionizing Radiation", National Institute of Standards and Technology (NIST), March 16-18, 1993

"Media Center Appearances", C. S. Armstrong Associates, Inc., September 8, 1994

Professional Certification:

Certified in Health Physics by the American Board of Health Physics, 1972. Recertified in 1981, 1985, 1989, and 1993.

Lead Auditor as defined by ANSI N45.2.23-1978, "Qualification of Quality Assurance Program Audit Personnel for Nuclear Power Plants".

Health Physics Work Experience:

July 1964 to August 1966:

Employed by the Alabama and Virginia Departments of Health to operate the counting rooms to determine the radioactive content of environmental samples.

June 1968 to present, employed by the Tennessee Valley Authority, Muscle Shoals, Alabama.

From June 1968 to December 1979, I supervised the operation of the following programs: environmental radiological monitoring around TVA's nuclear power plants, health physics training, applied health physics services, film badge and TLD personnel monitoring services, whole body counting, and calibration of portable radiation survey instrumentation.

From December 1979 to May 1980, I coordinated within TVA the modification of the radiological emergency plan for all of TVA's operating nuclear power plants in compliance with NUREG-0654 "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants".

From June 1980 to May 1982, I supervised a Quality Assurance/ALARA Staff. The Staff provided quality assurance services to a large health physics organization.

From June 1982 to April 1985, I was the Staff Health Physicist in the office of the Chief, Health Physics Services. I provided health physics expertise to the Chief and all sections within the organization. During a ten month period, I was assigned to the Browns Ferry Nuclear Plant as the health physicist on a recirculation pipe replacement project on unit 1.

From May 1985 to October 1986, I managed a Dosimetry Section that coordinated and provided direction for the internal and external dosimetry programs in TVA.

From November 1986 to present, I manage a section that repairs, maintains, modifies, and calibrates portable radiation survey instrumentation.

June 1991 to present:

I serve as a Technical Expert for the National Voluntary Laboratory Accreditation Program (NVLAP) for the Secondary Calibration For Ionizing Radiation Laboratory Accreditation Program. I audit and assess laboratory programs to determine if they meet the qualifications to be accreditated as a secondary calibration laboratory for ionizing radiation.

Teaching Experience: September 1989 to August 1994:

I taught four subjects at Shoals Community College: physics with calculus, two classes in physics without calculus, and health physics for radiographers. I taught a total of 14 quarters.

Significant Papers and Publications:

"Suitability of Glass-Encapsulated CaF_2:Mn Thermoluminescent Dosimeters for Environmental Radiation Surveillance", presented at the National Health Physics Society Meeting in Miami, June 1973.

"A TLD System for Personnel Monitoring", presented at the meeting of the Deep South and Alabama Chapters of the Health Physics Society, Gulf Shores, Alabama, August 1977.

"Training for a Viable Nuclear Power Plant Radiological Emergency Plan", presented at the Thirteenth Midyear Topical Symposium of the Health Physics Society, Honolulu, December 1979.

"Health Physics Planning for Recirculation Pipe Replacement at a BWR", presented at the annual meeting of the American Nuclear Society, New Orleans, June 1984.

"Calibration of DMC-90s in TVA", presented at the Merlin Gerin User's Group Meeting, Atlanta, April 1992.

"A Tissue Equivalent Detector Photon Response Matrix", presented at the winter meeting of the American Nuclear Society, San Francisco, October 1995.

I am planning to present two papers at the Annual Health Physics Society Meeting in Seattle in July 1996. The titles are: "Dose Rate And Spectral Photon Measurements Around A Large BWR" (THAM-D.6) and "Scanning Personnel For Internal Deposition Of Radioactive Material With Personnel Contamination Whole Body Friskers And Portal Monitors" (THAM-D.8).

QUESTIONS FOR

PROGRAM MANAGER, RADIOLOGICAL CONTROL (PROGRAMMATIC)

• strong technical
• diverse experience
• works well with people

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.
• Rad shipping • perceived as laid back & not aggressive

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

• Knowledgeable
•

7) What does the term NVLAP mean and what is the purpose of NVLAP?

8) Discuss the need for a comprehensive radiation litigation management program and what are some of the weaknesses one should look for in a radiation protection program? His concern that industry will be in trouble in the near future — must be able to prove records, what does worker etc — needs of worker train

9) What level of ionizing radiation exposure to individuals in the public do you consider to be a threshold for requiring action?

10) There have been reports of increased longevity and decreased cancer death rates for populations exposed to high natural background levels of radiation. These observations contradict the radiation paradigm that all radiation, including that of natural background, is harmful in linear proportion to high level dose. What are your thoughts regarding the linear versus non-linear dose response controversy?
Must fit to linear approach.

11) What are the functions of the Radiological Effects Advisory Group?
Not a member of this group — but thinks that truly what value is there in protection in litigation

12) What are the two potential areas for Radiation Injury Claims?

13) What are the major differences between the two types of injury claims?

Very good records are there
• do not be aware of incidents

• Need charter

QUESTIONS FOR
PROGRAM MANAGER, RADIOLOGICAL CONTROL (PROGRAMMATIC)
(page 2 of 2)

14) What can be done to reduce the potential of radiation injury claims?
Not familiar w/ recent cases except TMI

15) In general, what are the major factors in a successful radiation injury claim defense?
Must be able to prove worker is trained, knew conditions, made effort to avoid, whole body count, Inst. survey

16) What is the role of the NVLAP Authorized Representative? What are the major responsibilities?

17) What are the major functions of the radiological records and record system?
to prove it was done & it was done right

18) What is the Radiological Control Records Recovery Project (SCAR940002)?
for mitigation/litigation

19) What is REXS? What are its major functions?

20) What areas of REXS require improvements?

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overall

Technical

- very sound in broad range of areas academically
- multi-track major areas of radiation.

Communication

- good verbal skills

Date: July 18, 1996

POSITION: R/C Programatic

NAME: Caldwell

REVIEW BOARD MEMBER: J. Morgan

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	5	
2	8	See question 7 sheet.
7	8	
8	7	
10	7	
11	7	
15	7	
17	8	

TOTAL POINTS: 60/70

QUESTIONS FOR
PROGRAM MANAGER, RADIOLOGICAL CONTROL
TECHNICAL SUPPORT/ALARA

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

- 1st question do you need again
- Must - Appropriate

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

IF couldn't work out will go to Wilson.

7) Upper TVAN management's expectation is that TVAN practice will be consistent with INPO criteria and guidelines. You are the sponsor of a revision to TVAN STD-5.1, which incorporates the latest INPO criteria for calculating and reporting internal dose (i.e., at levels consistent with external dose LLDs) However, during peer review, it is clear that two out of three RadChem managers want to maintain the current program and will not support the revision. How do you, as the corporate sponsor resolve this issue?

- Must be consistent

8) At 9 a.m., you receive a call from the SQN RadProtection Manager who has an NRC inspector in his office asking questions about an evaluation you helped prepare on a skin dose assessment. The RadProtection Manager would like you to come to the site ASAP to help respond to the inspector. However, you are in the middle of preparing presentation on the FY 1996 Business Plan to the General Manager, Operations Support which you will be giving at 1 p.m. How do you handle this request?

- Recognize that help is needed -
- but did not recognize that site issue was more important than project.

QUESTIONS FOR
PROGRAM MANAGER, RADIOLOGICAL CONTROL
TECHNICAL SUPPORT/ALARA

9) The temporary shielding program at WBN requires extensive paperwork and lead time to ensure that necessary shielding is in place major job evolutions. What methodology would you use to evaluate this process for improvement?

ANSWER: Estimate a peer group involving all TVAN sites, analyze current program via dataflow diagrams, determine strengths/weaknesses of each site program, benchmark industry, determine program elements that are candidates for improvement, determine cost/benefit of each proposed change for implementation, standardize.

10) In your view, what is the value of Corporate RadCon to the sites?

ANSWER: To provide 1) expert level technical support, 2) focal point for industry benchmarking, 3) catalyst for standardization to ensure site/industry successes are realized TVAN-wide, 4) assistance and direction in resolving programmatic multi-site issues, 5) support in program self assessments, 6) evaluation of RadCon training effectiveness.

11) You receive a call from a Shift Supervisor from Colbert Steam Plant. He tells you that a density gauge, containing Ir-192, has fallen off the coal conveyor structure and is lying in a accessible area. He asks you what he should do. What do you tell him?

ANSWER: Secure the area to prevent personnel access, contact the Radiation Support Group (RSO) in Muscle Shoals for surveys/source recovery, initiate event investigation to determine how gauge has been in this state, what personnel may have been exposed, etc.

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Date: July 18, 1996

POSITION: Tech. Support

NAME: Lobdell

REVIEW BOARD MEMBER: R Rogers

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	8	
2	8	See Question Sheet
4	6	
7	6	
8	6	
9	6	
10	7	
11	7	

TOTAL POINTS: 54/70

JIM FLANIGAN,6:30-7:15

Programmatic

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

Received: 1996 JUN 18 AM 7:07

This form is to be completed 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 Flanigan (Last) James (First) A. (Middle) 2. Soc. Sec. No. [redacted]

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

5. Organization Nuclear Operations/Operations Support Department Radiological Control

I wish to apply for the following vacant position:

6. Announcement Number 10705 7. Vacant Position Job Title PROGRAM MANAGER, RADCON

8. Schedule & Grade PG-8 9. Organization Nuclear Operations Department OPS SUP/RAD&CHEM CONTROL

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 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.

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 organization human resource office if necessary. *(If additional space is needed, use page 2.)*

Twenty-nine years of applied Health Physics experience of which twenty-three years have been in commercial nuclear power. I have served in this position at the Corporate Office from November 1990 through the present. For FY95 my performance was rated as exceeding expectations. Details of my education, training, and work experience are attached in the form of a resume.

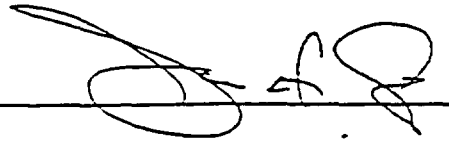
GG000149

Name Flanigan James A. Soc. Sec. No. [redacted]

Last *First* *Middle*

12. If announcement specified 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  Date June 17, 1996

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 the above, unless the information is in form of a certificate or similar document.

GG000150

JAMES A. FLANIGAN
[redacted]
(W) (423) 751-4709, [redacted]
INTERNET: IDUEG.OFFICE@ TVA.GOV

EXPERIENCE

Tennessee Valley Authority 02/85 to Present

11/90 - Present Program Manager, Radiological Control

Direct and manage the implementation of the Nuclear Power (NP) programs concerning personnel external dosimetry, radiological exposure records, and radiation injury claim avoidance - successful defense. Manage the planning and preparation of TVA radiological control policy. Provide technical assistance, oversight, and project management activities in support of nuclear plant sites. Serve as the NVLAP Authorized Representative, Quality Manager, and Technical Director for the central dosimetry laboratory and four sub-facilities (07/88 - 07/95). Serve as the coordinator for Radiological Control's IBM mainframe and Digital Equipment Corporation VAX software. Serve as the chair of the Radiation Effects Advisory Group, evaluating and integrating the radiological, medical, legal, and ethical aspects of radiological exposures to personnel (07/88 - present).

07/89 - 11/90 Manager, Radiological Technical Support Department

Supervised the activities of professional Health Physics personnel (one Senior Project Manager and six Senior Health Physicists) Directed and managed the implementation of the NP programs in the area of personnel dosimetry (internal and external), instrumentation, ALARA, respiratory protection, and radiation injury claim avoidance - successful defense. Managed the planning and preparation of TVA radiological control policy. Managed technical assistance and project management activities in support of nuclear plant sites.

07/88 - 07/89 Manager, Radiological Health Department

Supervised the Radiological Health staff (two Supervisors, five Health Physicists, and three records personnel) in the support of TVA's Radiological Health program. Developed and directed the Nuclear Power programs in external dosimetry, internal dosimetry, respiratory protection, radiation exposure records, RADCON instrumentation, and radiation injury claim avoidance - successful defense.

08/86 - 07/88 Radiological Protection Group Manager, Watts Bar Nuclear Plant

Supervised the Site Radiological Protection Staff (two Supervisors, eight Health Physicists, and two Shift Supervisors) in providing direction, control, program development, and support of the Site Radiological Control Program.

02/85 to 08/86 Health Physics Project Engineer, Site Director's Staff Watts Bar Nuclear Plant

Responsible for providing Health Physics technical and project support to the plant and site staffs.

PU Nuclear Corporation 1981 to 1985

09/81 - 01/85 Radiological Engineering Manager, GPU Nuclear Corporation. Three Mile Island Nuclear Generating Station Unit II, Middletown, Pennsylvania

GG000151

JAMES A. FLANIGAN
[redacted]
(W) (423) 751-4709, [redacted]
INTERNET: IDUEG.OFFICE@ TVA.GOV

EXPERIENCE(cont)

Supervised Radiological Engineering personnel (eight Radiological Engineers, two Engineering Assistants) in the recovery effort of Three Mile Island, Unit 2.

New Brunswick Electric Power Commission 1975 to 1981

10/75 - 09/81 **Supervisor, Central Health Physics Services, New Brunswick Electric Power Commission, Fredericton, New Brunswick, Canada**

Supervised Health Physics personnel (two Health Physicists, two Health Physics Assistants, and one Health Physics Clerk) and the operation of the Central Health Physics Laboratory, including: Environmental Radiation Monitoring Program, Internal and External Dosimetry Programs, and the Emergency Planning Off-Site Program.

Senior Health Physicist, Health Physics Services

Projects during this period related to the design, construction and commissioning of Point Lepreau Generation Station, a 630 MWe (PHWR) CANDU unit.

Yankee Atomic Electric 1973 to 1975

02/73 - 10/75 **Plant Health Physicist (Radiation Protection Manager), Yankee Atomic Electric Company, Rowe, Massachusetts**

Supervised the activities of Health Physics personnel (three Health Physicists, three Health Physics Technicians, and one Health Physics Clerk) during the operation, maintenance, and refueling (two outages) of 175 MWe (PWR)

Health Physics Engineering Assistant

Responsible activities related to: Portable instrumentation calibration, bioassay program, training of plant personnel, and procedure writing.

U.S. Navy 1967 to 1973

01/67 - 01/73 **Radiological Controls Supervisor, U.S.S. Holland (AS-32) U.S. Navy**

Supervised Radiological Control personnel (six Radiological Control Technicians) in the area of radiological work control and practices during the maintenance of Naval Nuclear Reactors and associated systems. Conducted the Radiological Environmental Monitoring Program for Rota, Spain.

GG000152

JAMES A. FLANIGAN
[redacted]
(W) (423) 751-4709, [redacted]
INTERNET: IDUEG.OFFICE@ TVA.GOV

EXPERIENCE(cont)

Senior Watch Stations, U.S.S. Will Rogers (SSBN 659)

Engine Room Supervisor: Supervised operations of the Turbines, Steam Plant, Feed and Condensate Systems and Auxiliary Systems.

Leading Engineering Laboratory Technician: Supervised the performance secondary plant and radiochemistry analysis and the conduct of radiological surveys.

MEMBERSHIPS/AFFILIATIONS

ANSI N42.17A, B, and C Working Group "Performance Specifications for Health Physics Instrumentation"

Technical Expert, U.S. Department of Commerce, National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program, Ionizing Radiation Dosimetry (1990 - present)

EDUCATION

1963 - 1966-	Glassboro State College, Glassboro, New Jersey Major: Education Minor: Social Science
1967 - 1969	Basic Nuclear Power School; U.S. Navy, Reactor Operation at Land Based Prototype; and Engineering Laboratory Technician at Land Based Prototype
1972 - 1996	U.S.E.P.A., Radionuclide Analysis by Gamma Spectroscopy; Health Physics Summer School on Radiation Dosimetry; University of Lowell, Internal Radiation Dosimetry; Harvard University, Environmental Radiation Surveillance; Phillip Plato, Theory and Operation of Panasonic TLD Systems; Technical Management Seminars, Improving HP Audits and Legal Liability in the Nuclear Industry; Conducting assessments using the Malcolm Baldridge criteria; STAT-A-MATRIC, ISO 9000 Lead Auditor Accreditation; Center for Disease Control, Biostatistics.

PUBLICATIONS & PRESENTATIONS

SOFTWARE QUALITY ASSURANCE - invited paper
Presented at the PANASONIC INTERNATIONAL DOSIMETRY SYMPOSIUM, 06/90, INTERNATIONAL SCIENCE ASSOCIATES USER GROUP MEETING, 08/90, Los Alamos National Laboratory, 09/90, and HARSHAW/QS TLD USER GROUP MEETING, 11/91.

TVA QUALITY IMPROVEMENT INITIATIVE - invited paper
Presented at the INTERNATIONAL SCIENCE ASSOCIATES USER GROUP MEETING, 10/91

GG000153

JAMES A FLANIGAN
[redacted]
(W) (423) 751-4709 [redacted]
INTERNET: IDUEG.OFFICE@ TVA.GOV

PUBLICATIONS & PRESENTATIONS(cont)

NVLAP ACCREDITATION -PERSONNEL RADIATION DOSIMETRY - invited paper
Presented at the REGION II RADIOLOGICAL PROTECTION MANAGERS MEETING, 06/92, INTERNATIONAL SCIENCE ASSOCIATES USER GROUP MEETING, 11/92, and ALABAMA HEALTH PHYSICS SOCIETY ANNUAL MEETING, 11/92

STATISTICAL PROCESS CONTROL - invited paper
Presented at the INTERNATIONAL SCIENCE ASSOCIATES USER GROUP MEETING, 11/92.

EXTERNAL DOSIMETRY PROCESSING COST - A BENCHMARK STUDY - invited paper
Presented at the INTERNATIONAL SCIENCE ASSOCIATES USER GROUP MEETING, 10/93, PANASONIC INTERNATIONAL DOSIMETRY SYMPOSIUM, 06/94, with follow-up paper PANASONIC INTERNATIONAL DOSIMETRY SYMPOSIUM, 06/95.

RADIOLOGICAL MEASUREMENT QUALITY ASSURANCE, 1991, J. A. Flanigan and C. G. Hudson, *Radiation Protection Management*, Vol. 8, pp. 72-78

PPLICATION OF STATISTICAL QUALITY CONTROL TECHNIQUES TO AN EXTERNAL OSIMETRY PROGRAM, 1993, J. A. Flanigan, *Radiation Protection Management*, Vol. 10, pp. 37-50

GG000154

QUESTIONS FOR

PROGRAM MANAGER, RADIOLOGICAL CONTROL (PROGRAMMATIC)

(page 1 of 2)

- experienced 8 yrs
- strong litigation record
- Past NVLAP expert

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.
- work too much —
- problem we follow through

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

solid tech knowledge

7) What does the term NVLAP mean and what is the purpose of NVLAP?

8) Discuss the need for a comprehensive radiation litigation management program and what are some of the weaknesses one should look for in a radiation protection program? need prompt response, must keep people happy, have weakness in loss of people & older records —

9) What level of ionizing radiation exposure to individuals in the public do you consider to be a threshold for requiring action?

suggest consolidate ~~test~~ records in one area

10) There have been reports of increased longevity and decreased cancer death rates for populations exposed to high natural background levels of radiation. These observations contradict the radiation paradigm that all radiation, including that of natural background, is harmful in linear proportion to high level dose. What are your thoughts regarding the linear versus non-linear dose response controversy?
think it's non-linear but could not through (as expected) on below 10 rem rose

11) What are the functions of the Radiological Effects Advisory Group?
has good knowledge of this area — would favor!

12) What are the two potential areas for Radiation Injury Claims? last interest of TVA

13) What are the major differences between the two types of injury claims?

QUESTIONS FOR
PROGRAM MANAGER, RADIOLOGICAL CONTROL (PROGRAMMATIC)

14) What can be done to reduce the potential of radiation injury claims?
being able to prove dose, must know doses etc

15) In general, what are the major factors in a successful radiation injury claim defense?

16) What is the role of the NVLAP Authorized Representative? What are the major responsibilities?

17) What are the major functions of the radiological records and record system?
very knowledgable – related to mitigation / litigation

18) What is the Radiological Control Records Recovery Project (SCAR940002)?

19) What is REXS? What are its major functions?

20) What areas of REXS require improvements?

very knowledgable
Has detailed knowledge of what has to be done including changing system

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Overall
Technical
- very sound in all areas

Communication
- very good verbal skills

Date: July 18, 1996

POSITION: R/C Programmer

NAME: Flanigan

REVIEW BOARD MEMBER: R. Rogan

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	9	See Question Sheet
2	9	
7	9	
8	9	
10	9	
11	9	
15	9	
17	4	

TOTAL POINTS: 72/90

GG000157

REGIS NICOLL, 7:15-8:00
Tech Support

GG000158

EMPLOYEE APPLICATION FOR ANNOUNCED VACANT POSITION

1996 JUN 14 AM 8

Received:

This form is to be completed 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 Nicoll (Last) Regis (First) M (Middle) 2. Soc. Sec. No. [redacted]

3. Present Job Title Program Manager 4. Schedule & Grade PG-08

5. Organization Operations Support Department Corp. RADCON

I wish to apply for the following vacant position:

6. Announcement Number 10706 7. Vacant Position Job Title Program Mgr, (Tech Support)

8. Schedule & Grade PG-08 9. Organization Operations Support Department RAD & Chem Control

Work Location Chatt

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) on page 2.

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 organization human resource office if necessary. *(If additional space is needed, use page 2.)*

See attached resume.

GG000159

Name Nicoll (*Last*) Regis (*First*) M (*Middle*) Soc. Sec. No. [redacted]

12. 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 6/13/96

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 the above, unless the information is in form of a certificate or similar document.

GG000160

RESUME

Regis M. Nicoll, CHP

[redacted]

PERSONAL

[redacted]

EDUCATION

B.S., 1973, Georgia Institute of Technology
Major: Physics (under the health physics option)

M.S., September 1976, Georgia Institute of Technology
Major: Applied Nuclear Science

EXPERIENCE

October 1994 to Present
TENNESSEE VALLEY AUTHORITY
Program Manager, Corporate Radiological Control. Provide expert level direction for programmatic development of radiological control policy and standards to ensure compliance with Federal regulations and industry consensus standards. Provide long-term/large scope project support to the sites for major projects and multi-site issues. Analyze site RADCON processes, procedures, and practices for effectiveness and cost-efficiency. Recommend radiological control goals and protocols that are consistent with best industry practices and assist with the implementation of actions to achieve them. Direct the performance of regulatory and licensing reviews of radiological control issues, recommend TVAN responses or positions and concur with responses to external organizations. Perform long-term data evaluation of key radiological control parameters. Serve as the Radiological Assessment Manager or Coordinator in the event of an emergency managing all radiological assessment activities in support of nuclear sites. Support emergency response drills and exercises. Serve as application owner for various TVAN software applications in the RADCON program to ensure that modifications and enhancements meet regulatory requirements and management expectations. Administer multisite contracts for radiological control services and products. Provided direct onsite support during the SQN U1C7 refueling outage.

October 1991 to October 1994
TENNESSEE VALLEY AUTHORITY
Engineering Specialist (Radiation), Corporate Engineering. Provide unique specialized expertise in the field of radiation and nuclear safety analysis with primary focus in the areas of radiation monitoring systems and reactor accident analyses. Provide technical guidance and consultation to nuclear plant design engineers of various disciplines on plant and system design bases, including: radiation monitoring, shielding requirements, ALARA considerations, radiation dose impacts, regulatory requirements and engineering analysis methodologies. Establish programmatic direction and overview of TVA engineering performance against that direction in the areas of expertise for the nuclear sites and corporate office. Develop and maintain TVA design standards for radiation monitoring and ALARA. Perform specialized radiation analyses to 1) determine the impacts of radiation accidents, 2) establish the performance criteria of the radiation monitoring system, and 3) support the plant licensing bases. Serve as radiological assessor for radiation emergency plan exercises and drills. Provided 1 yr of direct onsite support to SQN (including U2C6 outage).

July 1989 to October 1991
TENNESSEE VALLEY AUTHORITY
Senior Health Physicist, Corporate Radiological Control. Provide management and technical expertise in the development and implementation of radiological control policy and litigation minimization. Provide multidisciplinary technical support in the areas of radiation protection, respiratory protection, internal dosimetry, radiation worker training, and environmental dose assessment to the nuclear sites. Develop radiation protection policy and standards for all the above-mentioned activities. Manage projects involving radiological control components or the development of new radiation monitoring techniques or methodologies. Program manager for the source and byproduct material program. Conduct audits of various portions of the radiological control program to determine effectiveness. Developed a comprehensive professional development program in internal dosimetry. Serve as radiological assessor for radiation emergency plan exercises and drills. Provided direct onsite support to SQN during two refueling outages

EXPERIENCE (Cont'd)

December 1987 to July 1989
TENNESSEE VALLEY AUTHORITY
Supervisor, Radiological Effluents Section
Manage all radiological assessment activities involving offsite dose impact. Responsible for ensuring adequacy and effectiveness of the effluent, environmental, and meteorological monitoring programs. Manage the development of all methodologies and codes used to determine environmental impacts. Direct and manage preparation of all reports required for licensing and operation that involve radiological assessments. Provide technical assistance for the liquid and solid radwaste programs and determine adequacy through periodic evaluations. Develop policy and standards for the above-mentioned activities. Serve as Radiological Assessor for the Radiation Emergency Plan.

September 1976 to December 1987
TENNESSEE VALLEY AUTHORITY
Corporate Health Physicist, Technical Assistance Staff Provided technical health physics assistance for the nuclear plants and uranium mining and milling (UM&M) activities. Developed and implemented methodologies and computer codes for radiological impact analyses pertaining to UM&M, nuclear plant effluents, and LLW and spent fuel disposition. Provided support in the design, and implementation of the effluent monitoring, environmental monitoring, and meteorological monitoring programs. Plant technical assistance included: overhauling the health physics air sampling program, developing procedures for skin dose determination, conducting internal dose training, and performing evaluations of the radwaste program. Developed scenarios for radiological emergency exercises. Conducted audits of the radiation protection and ALARA programs for UM&M activities

July 1973 to August 1975
EBASCO SERVICES, INC. NEW YORK, NEW YORK
Hired as an engineer in the Environmental Licensing Impact Analysis Group. Coordinated input and prepared material for inclusion in SARs and ERs. Responsible for radiological accident analyses required in those documents. Performed radiological assessments for radwaste and offgas systems to determine seismic and safety requirements. Evaluated the effectiveness of various plant engineered safety features in reducing radiological impacts.

CERTIFICATION
Comprehensively certified in health physics by the American Board of Health Physics.

MEMBERSHIPS
Health Physics Society
American Academy of Health Physics

RECENT PUBLICATIONS
- "Establishment of Radiation Protection Boundaries for Nuclear Power Plants," *Health Physics*, May 1991 (725-731).
- "Incorporating Radiation Protection Features into Nuclear Plant Design," *Rad. Protection Mgt.*, May/June 1993 (67-79).
- "Beta Dose Determination for Critical Equipment Following a Major Accident," *Rad. Protection Mgt.*, July/August 1994 (pg. 75-87).
- "Calculating the Response of Containment Radiation Monitors for Core Damage Assessment," *Rad. Protection Mgt.*, November/December 1995 (pg. 61-74)

REFERENCES
Will be furnished on request

QUESTIONS FOR
PROGRAM MANAGER, RADIOLOGICAL CONTROL
TECHNICAL SUPPORT/ALARA
(page 1 of 2)

• experience in Rad Con / Rad Monit
• worked in Corp – SA/SI
• inter personnel skills – coach, sales mgmt, build team

1) What strengths do you have that will benefit this position?

2) Indicate weaknesses that you need to address if you fill this position.
• more ops experience

3) Part of the accountabilities for this position is that of assessments. How do you go about assessing the effectiveness of a program and then to develop corrective actions for weaknesses?

4) If, in the process of seeking consensus from the three sites, you have one site that disagrees with the others, how do you resolve the issue?
resolve a lowest level possible
Listen, evaluate

5) How much time should the individual that fills the position spend at a site and why?

6) One of the requirements of the position is the potential to rotate and be assigned to fill a site position. How do you feel about being assigned to a site temporarily or permanently?

7) Upper TVAN management's expectation is that TVAN practice will be consistent with INPO criteria and guidelines. You are the sponsor of a revision to TVAN STD-5.1, which incorporates the latest INPO criteria for calculating and reporting internal dose (i.e., at levels consistent with external dose LLDs). However, during peer review, it is clear that two out of three RadChem managers want to maintain the current program and will not support the revision. How do you, as the corporate sponsor resolve this issue?
Must make upper mgt aware & learn our location

8) At 9 a.m., you receive a call from the SQN RadProtection Manager who has an NRC inspector in his office asking questions about an evaluation you helped prepare on a skin dose assessment. The RadProtection Manager would like you to come to the site ASAP to help respond to the inspector. However, you are in the middle of preparing presentation on the FY 1996 Business Plan to the General Manager, Operations Support which you will be giving at 1 p.m. How do you handle this request?
Notify GM's Support Mgt & go to site

QUESTIONS FOR
PROGRAM MANAGER, RADIOLOGICAL CONTROL
TECHNICAL SUPPORT/ALARA

9) The temporary shielding program at WBN requires extensive paperwork and lead time to ensure that necessary shielding is in place major job evolutions. What methodology would you use to evaluate this process for improvement?

ANSWER: Estimate a peer group involving all TVAN sites, analyze current program via dataflow diagrams, determine strengths/weaknesses of each site program, benchmark industry, determine program elements that are candidates for improvement, determine cost/benefit of each proposed change for implementation, standardize.

10) In your view, what is the value of Corporate RadCon to the sites?

ANSWER: To provide 1) expert level technical support, 2) focal point for industry benchmarking, 3) catalyst for standardization to ensure site/industry successes are realized TVAN-wide, 4) assistance and direction in resolving programmatic multi-site issues, 5) support in program self assessments, 6) evaluation of RadCon training effectiveness.

11) You receive a call from a Shift Supervisor from Colbert Steam Plant. He tells you that a density gauge, containing Ir-192, has fallen off the coal conveyor structure and is lying in a accessible area. He asks you what he should do. What do you tell him?

ANSWER: Secure the area to prevent personnel access, contact the Radiation Support Group (RSO) in Muscle Shoals for surveys/source recovery, initiate event investigation to determine how gauge has been in this state, what personnel may have been exposed, etc.

a:\RadChem\Wilson\SLection.doc

Date: July 18, 1996

POSITION: Tech Support

NAME:

REVIEW BOARD MEMBER: L Rogers

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	9	
2	9	
4	8	
7	9	
8	9	
9	9	
10	X	
11	9	

See Question Sheet

TOTAL POINTS: 70/80

GG000166

ANNOUN. NO. 10702

VPA NUMBER: 0000010702

STATUS: PROCESSING APPLICATIONS

GROUP: TVA-WIDE

SCHEDULE AND GRADE: PG 0R NUMBER OF POSITIONS:01

JOB TITLE: PROGRAM MGR. CHEMISTRY (BUR)

LOCATION: CHATTANOOGA

ORGANIZATION: TVA NUCLEAR
NUCLEAR OPERATIONS
OPERATIONS SUPPORT
(SUPV: RAD & CHEM CONTROL MGR)

POSTING-DATE: 06/13/96 CLOSING-DATE: 06/25/96

DUTIES: PROVIDE SENIOR TECHNICAL DIRECTION, EXPERT SUPPORT, OVERSIGHT, AND PROGRAM/ PROJECT MANAGEMENT IN THE CHEMISTRY PROGRAMS OF THE TVAN FACILITIES. DEVELOP PROGRAMMATIC REQUIREMENTS FOR CHEMISTRY MANAGEMENT PROGRAMS. THE INCUMBENT SERVES AS THE PRIMARY LIAISON BETWEEN THE TVAN 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 BUR CHEMISTRY CONTACT FOR ENSURING THAT HIGH STANDARDS ARE SET AND MAINTAINED AT BOTH CORPORATE AND THE TVAN SITES.

MINIMUM QUALIFICATIONS: INCUMBENT SHOULD HAVE A BACHELOR'S DEGREE OR THE EQUIVALENT IN CHEMISTRY, ENVIRONMENTAL SCIENCES, OR CHEMICAL ENGINEERING, INCLUDING FORMAL TRAINING AND EXPERIENCE IN MANAGEMENT. THE INCUMBENT SHALL HAVE AT LEAST EIGHT YEARS OF PROFESSIONAL EXPERIENCE IN APPLIED CHEMISTRY WITH EXPERIENCE AT AN OPERATING NUCLEAR POWER PLANT PREFERABLE. THE INCUMBENT SHOULD HAVE A DETAILED KNOWLEDGE OF MODERN ANALYTICAL AND RADIOANALYTICAL EQUIPMENT AND METHODS USED FOR PERFORMING ALL REQUIRED CHEMISTRY ANALYSES AT TVAN SITES. INCUMBENT IN THIS POSITION IS SUBJECT TO ROTATIONAL ASSIGNMENT

GG030467

TO APPLY SEND FORM TVA 9824 TO: NUCLEAR HUMAN RESOURCES
LOOKOUT PLACE 3A-C (X-2344)
PENDING FINAL HAY EVALUATION

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PERSONAL INFORMATION

POSITION: VPA: 10702 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

	NAME	SSN	SEX	ETHNIC GROUP	DISABILITY	TENURE	FULL/PT/ INTERMED	EMP RPTG	PRESENT POSITION	SAL ADM /GRADE
	NIDA,DIEDRE B	[redacted]	F	White	[redacted]	Permanent	Full-Time	SPA	SPECIALIST	M 07
	TRAYNOR,JOHN C	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROJECT MANAGER	M 08
	HARVEY III,SAM L	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08
✓	CHANDRASEKARAN,E S	[redacted]	M	Asian	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08
	NORWOOD,DONALD W	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROJECT ENGR	M 09
✓	HUIE JR,HUBERT H	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	SHIFT SUPERVISOR	M 05

EDUCATION INFORMATION

POSITION: VPA: 10702 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM .

NAME	SSN	HIGHEST GRD	DEGREE	MAJOR	SCHOOL	GRAD?	YEAR
NIDA,DIEDRE B	[redacted]	Some Coll.					
TRAYNOR,JOHN C	[redacted]	Bachelor's	BS/BA	CHEM EN	AUBURN U	Y	01/01/1982
HARVEY III,SAM L	[redacted]	Bachelor's	BS/BA	BIOLOGY	VALDOSTA ST C	Y	01/01/1980
CHANDRASEKARAN,E S	[redacted]	Doctorate	BS/BA	CHEMITRY	BOMBAY UNIV	Y	01/01/1964
CHANDRASEKARAN,E S		Doctorate	MS/MA	CHEMITRY	BOMBAY UNIV	Y	01/01/1966
CHANDRASEKARAN,E S		Doctorate	PhD	CHEMITRY	MI ST U	Y	01/01/1975
NORWOOD,DONALD W	[redacted]	Bachelor's	BS/BA	CHEM EN	AUBURN U	Y	01/01/1980
HUIE JR,HUBERT H	[redacted]	Some Coll.					

LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 10702 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	LICENSE/CERTIFICATE	DATE ISSUED	STATE
NORWOOD,DONALD W	[redacted]	REAC OPER LICENSE	01/01/1988	A E C S R

JOB HISTORY INFORMATION

POSITION: VPA: 10702 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	PRESENT OPER/DIV/DEPT			PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT
NIDA,DIEDRE B	[redacted]				RADIOCHEM LAB ANAL	SE 05	1983-12-12
NIDA,DIEDRE B					RADIOCHEM LAB ANAL	SE 06	1990-08-27
NIDA,DIEDRE B					PROG SPECIALIST	M 07	1995-06-12
NIDA,DIEDRE B		OPS SUPP	RAD CHEM		SPECIALIST	M 07	1995-07-03
TRAYNOR,JOHN C	[redacted]				CHEM ENGR	SC 03	1985-03-18
TRAYNOR,JOHN C					CHEM ENGR	SC 04	1989-04-10
TRAYNOR,JOHN C					MGR	M 05	1989-07-17
TRAYNOR,JOHN C					PROJECT MANAGER	M 06	1990-04-30
TRAYNOR,JOHN C					PROJECT MANAGER	M 06	1990-06-01
TRAYNOR,JOHN C		TVA SERVICES	WORKFRCE SVS	PRJ MGMT/CNT	PROJECT MANAGER	M 08	1990-10-01
HARVEY III,SAM L	[redacted]				POSITION UNDER REV	M 08	1991-05-06
HARVEY III,SAM L		OPS SUPP	RAD CHEM		PROGRAM MGR	M 08	1991-06-25
CHANDRASEKARAN,E S	[redacted]				POSITION UNDER REV	M 08	1991-05-16
CHANDRASEKARAN,E S		OPS SUPP	RAD CHEM		PROGRAM MGR	M 08	1991-06-25
NORWOOD,DONALD W	[redacted]				MGR,LIC TR-SRO	M 04	1986-01-20
NORWOOD,DONALD W					COORDINATOR	M 05	1988-06-20
NORWOOD,DONALD W					COORDINATOR	M 05	1989-03-20
NORWOOD,DONALD W					COORDINATOR	M 07	1989-07-31
NORWOOD,DONALD W					COORDINATOR	M 05	1989-03-20
NORWOOD,DONALD W					COORDINATOR	M 07	1989-07-31
NORWOOD,DONALD W					NCLR EVAL	M 09	1990-03-26
NORWOOD,DONALD W					SPECIALIST	M 09	1990-03-26
NORWOOD,DONALD W			NUC ASUR&LIC		PROJECT ENGR	M 09	1994-01-10
HUIE JR,HUBERT H	[redacted]				RADIOCHEM LAB ANAL	SE 06	1987-07-20
HUIE JR,HUBERT H					RADIOCHEM LAB ANAL	SE 05	1987-03-16
HUIE JR,HUBERT H					SHFT OPS SUPV	M 03	1988-02-15
HUIE JR,HUBERT H					SHIFT SUPERVISOR	M 03	1988-02-15
HUIE JR,HUBERT H					SHIFT SUPERVISOR	M 04	1989-03-20
HUIE JR,HUBERT H		BFN SITE	PLT MGR-BFN		SHIFT SUPERVISOR	M 05	1990-12-03

JOB HISTORY INFORMATION

POSITION: VPA: 10702 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	PRESENT OPER/DIV/DEPT	PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT

*** END OF REPORT ***

CHEM (PWR)
ANNOUN. NO. 10703

VPA NUMBER: 0000010703

STATUS: PROCESSING APPLICATIONS

GROUP: TVA-WIDE

SCHEDULE AND GRADE: PG 08 NUMBER OF POSITIONS:01

JOB TITLE: PROGRAM MGR. CHEMISTRY (PWR)

LOCATION: CHATTANOOGA

ORGANIZATION: TVA NUCLEAR
NUCLEAR OPERATIONS
OPERATIONS SUPPORT
(SUPV: RAD & CHEM CONTROL MGR)

POSTING DATE: 06/13/96 CLOSING DATE: 06/25/96

DUTIES: PROVIDE SENIOR TECHNICAL DIRECTION, EXPERT SUPPORT, OVERSIGHT, AND PROGRAM/ PROJECT MANAGEMENT IN THE CHEMISTRY PROGRAMS OF THE TVAN FACILITIES. DEVELOP PROGRAMMATIC REQUIREMENTS FOR CHEMISTRY MANAGEMENT PROGRAMS. THE INCUMBENT SERVES AS THE PRIMARY LIAISON BETWEEN THE TVAN SITES AND TVAN CORPORATE. THE INCUMBENT MANAGES THE IMPLEMENTATION OF DIRECTIVES, STANDARDS, AND POLICIES AND REGULATIONS AT ALL TVAN SITES. THE INCUMBENT IS THE PWR CHEMISTRY CONTACT FOR ENSURING THAT HIGH STANDARDS ARE SET AND MAINTAINED AT BOTH CORPORATE AND THE TVAN SITES.

MINIMUM QUALIFICATIONS: INCUMBENT SHOULD HAVE A B.S. DEGREE OR THE EQUIVALENT IN CHEMISTRY, ENVIRONMENTAL SCIENCES, OR CHEMICAL ENGINEERING, INCLUDING FORMAL TRAINING AND EXPERIENCE IN MANAGEMENT. THE INCUMBENT SHALL HAVE AT LEAST EIGHT YEARS OF PROFESSIONAL EXPERIENCE IN APPLIED CHEMISTRY, WITH EXPERIENCE AT AN OPERATING NUCLEAR POWER PLANT PREFERABLE. INCUMBENT SHOULD HAVE A DETAILED KNOWLEDGE OF MODERN ANALYTICAL AND RADIOANALYTICAL EQUIPMENT AND METHODS USED FOR PERFORMING ALL REQUIRED CHEMISTRY ANALYSES AT TVAN SITES WHICH INCLUDES EQUIPMENT OPERATION AND CAPABILITIES. INCUMBENT IN THIS POSITION IS SUBJECT TO ROTATIONAL ASSIGNMENT.

TO APPLY SEND FORM TVA 9824 TO: NUCLEAR HUMAN RESOURCES
LOOKOUT PLACE 3A-C (X-2344)
PENDING FINAL WAY EVALUATION

CG000475

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PERSONAL INFORMATION

POSITION: VPA: 10703 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	SEX	ETHNIC GROUP	DISABILITY	TENURE	FULL/PT/ INTERMED	EMP RPTG	PRESENT POSITION	SAL ADM /GRADE	
NIDA,DIEDRE B	[redacted]	F	White	[redacted]	Permanent	Full-Time	SPA	SPECIALIST	M 07	
HARVEY III,SAM L	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08	
KEARNEY,JAMES P	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	SUPERVISOR	M 08	Services
CHANDRASEKARAN,E S	[redacted]	M	Asian	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08	
NORMAN,JAMES D	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	COMPUTER SPEC	SC 03	
FISER,GARY L	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08	

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EDUCATION INFORMATION

POSITION: VPA: 10703 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	HIGHEST GRD	DEGREE	MAJOR	SCHOOL	GRAD?	YEAR
NIDA,DIEDRE B	[redacted]	Some Coll.					
HARVEY III,SAM L	[redacted]	Bachelor's	BS/BA	BIOLOGY	VALDOSTA ST C	Y	01/01/1980
KEARNEY,JAMES P	[redacted]	Bachelor's	BS/BA	CHEM EN	VANDERBILT U	Y	01/01/1975
CHANDRASEKARAN,E S	[redacted]	Doctorate	BS/BA	CHEMITRY	BOMBAY UNIV	Y	01/01/1964
CHANDRASEKARAN,E S		Doctorate	MS/MA	CHEMITRY	BOMBAY UNIV	Y	01/01/1966
CHANDRASEKARAN,E S		Doctorate	PhD	CHEMITRY	MI ST U	Y	01/01/1975
NORMAN,JAMES D	[redacted]	Master's	BS/BA	CHEMITRY	TN TE U	Y	01/01/1972
NORMAN,JAMES D		Master's	MS/MA	CHEMITRY	NC U OF	Y	01/01/1975
FISER,GARY L	[redacted]	Bachelor's	BS/BA	CHEMITRY	OUACHITA UNIV	Y	01/01/1972

LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 10703 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	LICENSE/CERTIFICATE	DATE ISSUED	STATE

JOB HISTORY INFORMATION

POSITION: VPA: 10703 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	PRESENT OPER/DIV/DEPT			PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT
NIDA,DIEDRE B	[redacted]				RADIOCHEM LAB ANAL	SE 05	1983-12-12
NIDA,DIEDRE B					RADIOCHEM LAB ANAL	SE 06	1990-08-27
NIDA,DIEDRE B					PROG SPECIALIST	M 07	1995-06-12
NIDA,DIEDRE B		OPS SUPP	RAD CHEM		SPECIALIST	M 07	1995-07-03
HARVEY III,SAM L	[redacted]				POSITION UNDER REV	M 08	1991-05-06
HARVEY III,SAM L		OPS SUPP	RAD CHEM		PROGRAM MGR	M 08	1991-06-25
KEARNEY,JAMES P	[redacted]				SUP, UNIT	M 05	1987-11-23
KEARNEY,JAMES P					SUP, UNIT	M 07	1989-03-20
KEARNEY,JAMES P					SUPERVISOR	M 08	1989-06-19
CHANDRASEKARAN,E S	[redacted]				POSITION UNDER REV	M 08	1991-05-16
CHANDRASEKARAN,E S		S SUPP	RAD CHEM		PROGRAM MGR	M 08	1991-06-25
NORMAN,JAMES D	[redacted]				RSCH CHEMIST	SC 03	1987-02-02
NORMAN,JAMES D		MTN&TST SVS	MILS MGT	FLD SUP SVS	COMPUTER SPEC	SC 03	1995-01-23
FISER,GARY L	[redacted]				PROGRAM MGR	M 06	1987-09-08
FISER,GARY L					MGR, GROUP	M 06	1988-04-11
FISER,GARY L					MGR, GROUP	M 07	1988-08-29
FISER,GARY L					MGR, GROUP	M 09	1989-03-20
FISER,GARY L					MGR	M 09	1989-03-20
FISER,GARY L					MGR	M 08	1993-10-04
FISER,GARY L		OPS SUPP	RAD CHEM		PROGRAM MGR	M 08	1994-10-17

GG000160

JOB HISTORY INFORMATION

POSITION: VPA: 10703 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	PRESENT OPER/DIV/DEPT	PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT

*** END OF REPORT ***

RAD CONTROL
ANNOUN NO. 10705

GG000182

VTA NUMBER: 0000010705

STATUS: PROCESSING APPLICATIONS

GROUP: TVA-WIDE

SCHEDULE AND GRADE: PG 08 NUMBER OF POSITIONS:01

JOB TITLE: PROGRAM MANAGER, RAD CONTROL (PROGRAMMATIC

LOCATION: CHATTANOOGA

ORGANIZATION: TVA NUCLEAR
NUCLEAR OPERATIONS
OPERATIONS SUPPORT/RAD & CHEM CONTROL
(SUPV: RAD & CHEM CONTROL MGR)

POSTING-DATE: 06/13/96 CLOSING-DATE: 06/25/96

DUTIES: PROVIDE TECHNICAL DIRECTION, EXPERT SUPPORT, AND PROGRAM PROJECT MANAGEMENT SUPERVISION IN THE PERSONNEL DOSIMETRY, RADIOLOGICAL RECORDS AND RECORD SYSTEMS, AND RADIATION INJURY CLAIM AVOIDANCE-SUCCESSFUL DEFENSE ASPECTS OF TVAN'S RADIATION PROTECTION PROGRAM. DEVELOP PROGRAMMATIC REQUIREMENTS AND MONITOR PERFORMANCE IN THESE PROGRAM AREAS. SERVE AS CHAIR, RADIATION EFFECTS ADVISORY GROUP, EVALUATING AND INTEGRATING THE RADIOLOGICAL, MEDICAL, LEGAL, AND ETHICAL ASPECTS OF OCCUPATIONAL RADIOLOGICAL EXPOSURES TO PERSONNEL. PREPARE THE RESPONSES TO RADIATION-RELATED INJURY CLAIMS. SERVE AS APPLICATION OWNER FOR THE TVA RADIATION EXPOSURE RECORDS SYSTEM.

MINIMUM QUALIFICATIONS: INCUMBENT SHOULD HAVE A B.S. DEGREE OR THE EQUIVALENT IN A SCIENCE OR ENGINEERING SUBJECT INCLUDING SOME FORMAL TRAINING IN RADIATION PROTECTION AND RADIATION INJURY CLAIM MANAGEMENT. INCUMBENT SHALL HAVE AT LEAST EIGHT YEARS OF PROFESSIONAL EXPERIENCE IN APPLIED RADIATION PROTECTION INCLUDING RADIATION INJURY CLAIM MANAGEMENT. AT LEAST THREE YEARS OF THIS EXPERIENCE SHALL BE IN PROFESSIONAL LEVEL APPLIED RADIATION PROTECTION WORK IN A NUCLEAR FACILITY WITH RADIOLOGICAL PROBLEMS SIMILAR TO THOSE ENCOUNTERED IN NUCLEAR POWER PLANTS. PREFERABLY IN A NUCLEAR PLANT. INCUMBENT IN THIS POSITION IS SUBJECT TO ROTATIONAL ASSIGNMENT.

GG000253

TO APPLY SEND FORM TVA 9824 TO: NUCLEAR HUMAN RESOURCES
LOOKOUT PLACE 3A-C (X-2344)
PENDING FINAL HAY EVALUATION

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PERSONAL INFORMATION

POSITION: VPA: 10705 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611200000 OPS SUPP RAD CHEM

NAME	SSN	SEX	ETHNIC GROUP	DISABILITY	TENURE	FULL/PT/ INTERMED	EMP RPTG	PRESENT POSITION	SAL ADM /GRADE
FLANIGAN,JAMES A	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08
KEARNEY,JAMES P	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	SUPERVISOR	M 08
RIALES III,LENON J	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08
NICOLL,REGIS M	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08
LOBDELL,JOHN L	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	SUPERVISOR	M 07

Services

EDUCATION INFORMATION

POSITION: VPA: 10705 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611200000 OPS SUPP RAD CHEM

NAME	SSN	HIGHEST GRD	DEGREE	MAJOR	SCHOOL	GRAD?	YEAR
FLANIGAN,JAMES A	[redacted]	Some Coll.					
KEARNEY,JAMES P	[redacted]	Bachelor's	BS/BA	CHEM EN	VANDERBILT U	Y	01/01/1975
RIALES III,LENON J	[redacted]	Bachelor's	BS/BA	NUC EN	TN U OF(NASH KNOX)	Y	01/01/1974
NICOLL,REGIS M	[redacted]	Master's	BS/BA	PHYSICS	GA I OF TE	Y	01/01/1973
NICOLL,REGIS M		Master's	MS/MA	PHYSICS	GA I OF TE	Y	01/01/1976
LOBDELL,JOHN L	[redacted]	Doctorate	BS/BA	PHYSICS	SPRING HILL C	Y	01/01/1964
LOBDELL,JOHN L		Doctorate	MS/MA	PUB HLTH	NC U OF	Y	01/01/1968
LOBDELL,JOHN L		Doctorate	PhD	RAD TE	GA I OF TE	Y	12/09/1995

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LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 10705 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611200000 OPS SUPP RAD CHEM

NAME	SSN	LICENSE/CERTIFICATE	DATE ISSUED	STATE
LOBDELL,JOHN L	[redacted]	HEALTH PHYSICS	01/01/1972	

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JOB HISTORY INFORMATION

POSITION: VPA: 10705 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611200000 OPS SUPP RAD CHEM

NAME	SSN	PRESENT OPER/DIV/DEPT		PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT
FLANIGAN,JAMES A	[redacted]			RAD ASSESSOR	M 06	1986-09-29
FLANIGAN,JAMES A				MGR, GROUP	M 06	1988-07-25
FLANIGAN,JAMES A				CH, BRANCH	M 07	1988-07-25
FLANIGAN,JAMES A				MGR	M 07	1989-01-02
FLANIGAN,JAMES A				MGR	M 09	1989-03-20
FLANIGAN,JAMES A		OPS SUPP	RAD CHEM	PROGRAM MGR	M 08	1990-10-08
KEARNEY,JAMES P	[redacted]			SUP, UNIT	M 05	1987-11-23
KEARNEY,JAMES P				SUP, UNIT	M 07	1989-03-20
KEARNEY,JAMES P				SUPERVISOR	M 08	1989-06-19
RIALES III,LENON J	[redacted]			PROJECT MANAGER	M 06	1987-09-28
RIALES III,LENON J				PROJECT MANAGER	M 06	1989-03-20
RIALES III,LENON J		OPS SUPP	RAD CHEM	PROGRAM MGR	M 08	1990-10-08
NICOLL,REGIS M	[redacted]			HLTH PHYSICIST	M 05	1988-01-18
NICOLL,REGIS M				HLTH PHYSICIST	M 06	1989-03-20
NICOLL,REGIS M				ENGR SPEC	M 07	1991-10-21
NICOLL,REGIS M		OPS SUPP	RAD CHEM	PROGRAM MGR	M 08	1994-10-17
LOBDELL,JOHN L	[redacted]			SUP, SECTION	M 05	1985-03-25
LOBDELL,JOHN L				SUPERVISOR	M 05	1989-01-02
LOBDELL,JOHN L		OPS SUPP	RAD CHEM	SUPERVISOR	M 07	1989-03-20

JOB HISTORY INFORMATION

POSITION: VPA: 10705 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611200000 OPS SUPP RAD CHEM

NAME	SSN	PRESENT OPER/DIV/DEPT	PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT

*** END OF REPORT ***

RAD CONTROL
ANNOUN. NO. 10706

GG000190

STATUS: PROCESSING APPLICATIONS

GROUP: TVA-WIDE

SCHEDULE AND GRADE: PG 08 NUMBER OF POSITIONS:01

JOB TITLE: PROGRAM MGR. RAD CONTROL (TECH SUPPORT)

LOCATION: CHATTANOOGA

ORGANIZATION: TVA NUCLEAR
NUCLEAR OPERATIONS
OPERATIONS SUPPORT
(SUPV: RAD & CHEM CONTROL MGR)

POSTING-DATE: 06/13/96 CLOSING-DATE: 06/25/96

DUTIES: PROVIDE TECHNICAL DIRECTION, EXPERT SUPPORT, AND PROGRAM/PROJECT MANAGEMENT SUPERVISION IN THE RADIOLOGICAL CONTROL PROGRAMS OF TVAN FACILITIES, WITH EMPHASIS IN THE AREAS OF RADIATION PROTECTION, ALARA, RADIOLOGICAL ASSESSMENT, AND RADIATION MONITORING. DEVELOP TECHNICAL REQUIREMENTS FOR RADIOLOGICAL CONTROL PROGRAMS. PROVIDE EXPERT SUPPORT AND PLANNING FOR SITE RADCON OUTAGE ACTIVITIES. MANAGE THE PLANNING, SCHEDULING, IMPLEMENTATION, AND MONITORING TO COMPLETION OF RADIOLOGICAL PROTECTION AND RADIOLOGICAL HEALTH SPECIAL PROJECTS TO ENSURE IDENTIFIED END PRODUCT IS DELIVERED ON TIME AND WITHIN BUDGET.

MINIMUM QUALIFICATIONS: SHOULD HAVE B.S. DEGREE OR THE EQUIVALENT IN A SCIENCE OR ENGINEERING SUBJECT, INCLUDING SOME FORMAL TRAINING IN RADIATION PROTECTION AND CERTIFICATION BY THE ABHP. INCUMBENT SHALL HAVE AT LEAST SIX YEARS OF PROFESSIONAL EXPERIENCE IN APPLIED RADIATION PROTECTION. AN ADVANCED DEGREE AND EIGHT YEARS' EXPERIENCE AT THE PROFESSIONAL OR MANAGERIAL LEVEL ARE DESIRABLE. INCUMBENT IN THIS POSITION IS SUBJECT TO ROTATIONAL ASSIGNMENT.

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TO APPLY SEND FORM TVA 9024 TO: NUCLEAR HUMAN RESOURCES
LOOKOUT PLACE 3A-C (X-2344)
PENDING FINAL MAY EVALUATION

---------- NOTICE ----------

This document contains EEO/AA-related information protected by Federal Regulations. Refer to Principles and Practices Manual, Communications Practice, Access to and Protection of Personal Information.

PERSONAL INFORMATION

POSITION: VPA: 10706 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611200000 OPS SUPP RAD CHEM

NAME	SSN	SEX	ETHNIC GROUP	DISABILITY	TENURE	FULL/PT/ INTERMED	EMP RPTG	PRESENT POSITION	SAL ADM /GRADE	
FLANIGAN,JAMES A	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08	
KEARNEY,JAMES P	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	SUPERVISOR	M 08	Services
RIALES III,LENON J	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08	
NICOLL,REGIS M	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08	
LOBDELL,JOHN L	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	SUPERVISOR	M 07	

David J. Sweeringen (Late applicant SC-4

CC000192

EDUCATION INFORMATION

POSITION: VPA: 10706 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611200000 OPS SUPP RAD CHEM

NAME	SSN	HIGHEST GRD	DEGREE	MAJOR	SCHOOL	GRAD?	YEAR
FLANIGAN,JAMES A	[redacted]	Some Coll.					
KEARNEY,JAMES P	[redacted]	Bachelor's	BS/BA	CHEM EN	VANDERBILT U	Y	01/01/1975
RIALES III,LENON J	[redacted]	Bachelor's	BS/BA	NUC EN	TN U OF(NASH KNOX)	Y	01/01/1974
NICOLL,REGIS M	[redacted]	Master's	BS/BA	PHYSICS	GA I OF TE	Y	01/01/1973
NICOLL,REGIS M	[redacted]	Master's	MS/MA	PHYSICS	GA I OF TE	Y	01/01/1976
LOBDELL,JOHN L	[redacted]	Doctorate	BS/BA	PHYSICS	SPRING HILL C	Y	01/01/1964
LOBDELL,JOHN L	[redacted]	Doctorate	MS/MA	PUB HLTH	NC U OF	Y	01/01/1968
LOBDELL,JOHN L	[redacted]	Doctorate	PhD	RAD TE	GA I OF TE	Y	12/09/1995

LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 10706 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611200000 OPS SUPP RAD CHEM

NAME	SSN	LICENSE/CERTIFICATE	DATE ISSUED	STATE
LOBDELL,JOHN L	[redacted]	HEALTH PHYSICS	01/01/1972	

JOB HISTORY INFORMATION

POSITION: VPA: 10706 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611200000 OPS SUPP RAD CHEM

NAME	SSN	PRESENT OPER/DIV/DEPT		PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT
FLANIGAN,JAMES A	[redacted]			RAD ASSESSOR	M 06	1986-09-29
FLANIGAN,JAMES A				MGR, GROUP	M 06	1988-07-25
FLANIGAN,JAMES A				CH, BRANCH	M 07	1988-07-25
FLANIGAN,JAMES A				MGR	M 07	1989-01-02
FLANIGAN,JAMES A				MGR	M 09	1989-03-20
FLANIGAN,JAMES A		OPS SUPP	RAD CHEM	PROGRAM MGR	M 08	1990-10-08
KEARNEY,JAMES P	[redacted]			SUP, UNIT	M 05	1987-11-23
KEARNEY,JAMES P				SUP, UNIT	M 07	1989-03-20
KEARNEY,JAMES P				SUPERVISOR	M 08	1989-06-19
RIALES III,LENON J	[redacted]			PROJECT MANAGER	M 06	1987-09-28
RIALES III,LENON J				PROJECT MANAGER	M 06	1989-03-20
RIALES III,LENON J		OPS SUPP	RAD CHEM	PROGRAM MGR	M 08	1990-10-08
NICOLL,REGIS M	[redacted]			HLTH PHYSICIST	M 05	1988-01-18
NICOLL,REGIS M				HLTH PHYSICIST	M 06	1989-03-20
NICOLL,REGIS M				ENGR SPEC	M 07	1991-10-21
NICOLL,REGIS M		OPS SUPP	RAD CHEM	PROGRAM MGR	M 08	1994-10-17
LOBDELL,JOHN L	[redacted]			SUP, SECTION	M 05	1985-03-25
LOBDELL,JOHN L				SUPERVISOR	M 05	1989-01-02
LOBDELL,JOHN L		OPS SUPP	RAD CHEM	SUPERVISOR	M 07	1989-03-20

JOB HISTORY INFORMATION

POSITION: VPA: 10706 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611200000 OPS SUPP RAD CHEM

NAME	SSN	PRESENT OPER/DIV/DEPT	PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT

*** END OF REPORT ***

Date: July 18, 1996

POSITION:_____

NAME:_____

REVIEW BOARD MEMBER:_____

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS

TOTAL POINTS:_____

Date: July 18, 1996

POSITION: _____

NAME: _____

REVIEW BOARD MEMBER: _____

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS

TOTAL POINTS: _____

Date: July 18, 1996

POSITION: _____

NAME: _____

REVIEW BOARD MEMBER: _____

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS

TOTAL POINTS: _____

RW/EP
ANNOUN. NO. 10707

GG000201

VPA NUMBER: 000001070

STATUS: PROCESSING APPLICATIONS

GROUP: TVA-WIDE

SCHEDULE AND GRADE: PG 08 NUMBER OF POSITIONS:01

JOB TITLE: PROGRAM MGR, RADWASTE/ENVIRON PROT

LOCATION: CHATTANOOGA

ORGANIZATION: TVA NUCLEAR
NUCLEAR OPERATIONS
OPERATIONS SUPPORT/RAD & CHEM CONTROL
(SUPV: RAD & CHEM CONTROL MGR)

POSTING-DATE: 06/13/96 CLOSING-DATE: 06/25/96

DUTIES: PROVIDE TECHNICAL DIRECTION, EXPERT SUPPORT, AND PROGRAM/PROJECT MANAGEMENT IN THE LOW-LEVEL RADIOACTIVE WASTE AND ENVIRONMENTAL PROTECTION PROGRAMS FOR TVAN FACILITIES. DEVELOP PROGRAMMATIC REQUIREMENTS FOR THE RADIOACTIVE WASTE MANAGEMENT AND ENVIRONMENTAL PROTECTION PROGRAMS. ENSURE EFFECTIVE DIRECTION IS PROVIDED TO THE SITES ON LOW-LEVEL RADWASTE MANAGEMENT AND ENVIRONMENTAL PROTECTION ISSUES. SERVES AS APPLICATION OWNER FOR VARIOUS TVAN SOFTWARE APPLICATION IN THE ENVIRONMENTAL PROTECTION AND LOW-LEVEL RADWASTE MANAGEMENT PROGRAMS TO ENSURE THAT OPERATIONS, MODIFICATIONS AND ENHANCEMENTS MEET REGULATORY REQUIREMENTS AND MANAGEMENT EXPECTATIONS.

MINIMUM QUALIFICATIONS: SHOULD HAVE B.S. DEGREE OR THE EQUIVALENT IN A SCIENCE OR ENGINEERING SUBJECT, INCLUDING FORMAL TRAINING IN RADIOACTIVE WASTE MANAGEMENT AND ENVIRONMENTAL COMPLIANCE. INCUMBENT SHALL HAVE AT LEAST SIX YEARS OF PROFESSIONAL EXPERIENCE IN RADIOACTIVE WASTE MANAGEMENT OR ENVIRONMENTAL PROTECTION. TRAINING AND QUALIFICATION AS RADIOACTIVE MATERIAL SHIPPER UNDER NRC AND DOT REGULATIONS IS DESIRABLE. TRAINING IN ENVIRONMENTAL WASTE CLASSIFICATION AND HANDLING IS DESIRED. INCUMBENT IN THIS POSITION IS SUBJECT TO ROTATIONAL ASSIGNMENT.

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TO APPLY SEND FORM TVA 9024 TO: NUCLEAR HUMAN RESOURCES
LOOKOUT PLACE 3A-C (X-2344)
PENDING FINAL HAY EVALUATION

---------- NOTICE ----------

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PERSONAL INFORMATION

POSITION: VPA: 10707 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	SEX	ETHNIC GROUP	DISABILITY	TENURE	FULL/PT/ INTERMED	EMP RPTG	PRESENT POSITION	SAL ADM /GRADE
NIDA,DIEDRE B	[redacted]	F	White	[redacted]	Permanent	Full-Time	SPA	SPECIALIST	M 07
TRAYNOR,JOHN C	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROJECT MANAGER	M 08
RIALES III,LENON J	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROGRAM MGR	M 08
NORWOOD,DONALD W	[redacted]	M	White	[redacted]	Permanent	Full-Time	SPA	PROJECT ENGR	M 09

EDUCATION INFORMATION

POSITION: VPA: 10707 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	HIGHEST GRD	DEGREE	MAJOR	SCHOOL	GRAD?	YEAR
NIDA,DIEDRE B	[redacted]	Some Coll.					
TRAYNOR,JOHN C	[redacted]	Bachelor's	BS/BA	CHEM EN	AUBURN U	Y	01/01/1982
RIALES III,LENON J	[redacted]	Bachelor's	BS/BA	NUC EN	TN U OF(NASH KNOX)	Y	01/01/1974
NORWOOD,DONALD W	[redacted]	Bachelor's	BS/BA	CHEM EN	AUBURN U	Y	01/01/1980

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LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 10707 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	LICENSE/CERTIFICATE	DATE ISSUED	STATE
NORWOOD,DONALD W	[redacted]	REAC OPER LICENSE A E C S R	01/01/1988	

Report ID:

.IS
MASS VACANCY SELECTION WORKSHEET

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JOB HISTORY INFORMATION

POSITION: VPA: 10707 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	PRESENT OPER/DIV/DEPT			PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT
NIDA,DIEDRE B	[redacted]				RADIOCHEM LAB ANAL	SE 05	1983-12-12
NIDA,DIEDRE B					RADIOCHEM LAB ANAL	SE 06	1990-08-27
NIDA,DIEDRE B					PROG SPECIALIST	M 07	1995-06-12
NIDA,DIEDRE B		OPS SUPP	RAD CHEM		SPECIALIST	M 07	1995-07-03
TRAYNOR,JOHN C	[redacted]				CHEM ENGR	SC 03	1985-03-18
TRAYNOR,JOHN C					CHEM ENGR	SC 04	1989-04-10
TRAYNOR,JOHN C					MGR	M 05	1989-07-17
TRAYNOR,JOHN C					PROJECT MANAGER	M 06	1990-04-30
TRAYNOR,JOHN C					PROJECT MANAGER	M 06	1990-06-01
TRAYNOR,JOHN C		TVA SERVICES	WORKFRCE SVS	PRJ MGMT/CNT	PROJECT MANAGER	M 08	1990-10-01
RIALES III,LENON J	[redacted]				PROJECT MANAGER	M 06	1987-09-28
RIALES III,LENON J					PROJECT MANAGER	M 06	1989-03-20
RIALES III,LENON J		OPS SUPP	RAD CHEM		PROGRAM MGR	M 08	1990-10-08
NORWOOD,DONALD W	[redacted]				MGR,LIC TR-SRO	M 04	1986-01-20
NORWOOD,DONALD W					COORDINATOR	M 05	1988-06-20
NORWOOD,DONALD W					COORDINATOR	M 05	1989-03-20
NORWOOD,DONALD W					COORDINATOR	M 07	1989-07-31
NORWOOD,DONALD W					COORDINATOR	M 05	1989-03-20
NORWOOD,DONALD W					COORDINATOR	M 07	1989-07-31
NORWOOD,DONALD W					NCLR EVAL	M 09	1990-03-26
NORWOOD,DONALD W					SPECIALIST	M 09	1990-03-26
NORWOOD,DONALD W			NUC ASUR&LIC		PROJECT ENGR	M 09	1994-01-10

JOB HISTORY INFORMATION

POSITION: VPA: 10707 NO.: 1 CLOSE DATE: 06/25/1996

JOBCODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	PRESENT OPER/DIV/DEPT	PREVIOUS JOB TITLES	PREV SAL ADM/GR	EFFDT

*** END OF REPORT ***