

RAS 6010 50-390-CIV, et.al. Joint Exhibit 23 - Rec'd 5/1/02

VPAS (10702) (10703) (10705) (10706) (10707)

BOOK 4 OF 4

Joint Exh. 23

OFFICE OF THE SECRETARY  
RULEMAKING AND  
ADJUDICATIONS STAFF

2003 MAR -4 PM 2:52

DOCKETED  
USNRC



NUCLEAR REGULATORY COMMISSION  
Licet No. 50-390 Official Exh. No. Joint 23  
In the matter of TVA  
Staff Joint  
Applicant Joint IDENTIFIED ✓  
Intervenor Joint RECEIVED ✓  
Other Joint REJECTED ✓  
DATE 5/1/02 WITHDRAWN ✓  
FILED BHM Witness Joint

Template = SECY-028

SECY-02

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

Charles Kent

GG000596

Date: July 18, 1996

POSITION: PWR

NAME: STAFF HARVEY

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING			COMMENTS
	(1-10)			
<u>1</u>	<u>8.5</u>	<u>9</u>	<u>9</u>	<u>Chen, Kent, Rogers</u>
<u>2</u>	<u>8.7</u>	<u>9</u>	<u>9</u>	
<u>7</u>	<u>8.5</u>	<u>9</u>	<u>8</u>	
<u>9</u>	<u>9</u>	<u>9</u>	<u>8</u>	
<u>11</u>	<u>9</u>	<u>8.5</u>	<u>9</u>	
<u>12</u>	<u>9</u>	<u>9.5</u>	<u>9</u>	
<u>15</u>	<u>8.5</u>	<u>9</u>	<u>8</u>	
<u>16</u>	<u>8</u>	<u>8</u>	<u>8</u>	
<u>17</u>	<u>9</u>	<u>9.5</u>	<u>9</u>	
	<u>18.2</u>	<u>8.5</u>	<u>77</u>	

90 TOTAL POINTS: \_\_\_\_\_

GG000597

Sam H.

- 9 ① Knowledge of S/G chem. Knowledge of raw water  
Plant experience. Chem.
- 9 ② Few years end water. Hyd. Water & Zinc.  
Can't lose experience no recent form.
- 9 ③ Calgon Partnership contract. Ecobchem system with contract.  
Secondary chem optimization program. S/G chem cleaning.
- 9 ④ Oversight and technical expertise. Keep big picture look.  
Provide independent technical view. Work-around - problems not stopped  
Utility industry experience. Whatever it takes to resolve problems  
providing advice.
- 9.5 ⑤ S/G degradation Hydrogen Water Chem. 2-3 M.  
1151 S/G 20 g/s  
13 " 12 g/s  
Elev chem treatment tracking in 3rd structure.  
Current program Good knowledge of water analysis
- 9.5 ⑥ Good knowledge of identifying locations and sources. Stressors.
- 9 ⑦ ⑮ Corrosion & scaling } key parameters. Also water chem. & S/G chem.  
1-1 1.0 Scale 1.2 @ 50N.
- ⑮ ⑯ S/G chem & scaling } key parameters. Also water chem. & S/G chem.  
1-1 1.0 Scale 1.2 @ 50N.
- 30.5 ⑮ ⑰ 9.5 BWR 72  
P.W.C. 20.5

GG000598

6/1/11

9.5

(17)

- Na & Cl. molar concn., correct for mass.
- Due to diff. in hydrate ratios is adjusted to .5 to maintain neutral conditions is observed.
- Good Chemistry Knowledge

GG000598A

# E Chandrasekaran.

- 8 (1) MS. Nuclear & H<sub>2</sub>O program chem.;  
 - Lab mgmt for env. rad. monit. prog.  
 - 3 yrs HPGL setup & opn, for env. rad. monit.  
 - 5 yrs TVA & support of BFN also O&D/C contract for all sites.
- 8 (2) Need more detail system training.
- 2.5 (7) 3 examples 1) Raw Chem treatment program @ BFN.  
 2) Impl. Dpt. Env. mgmt. for U-235 and Hyd. Water Chem. in final stages.  
 3) Condemia Proj. @ BFN - improved mon. time, new mty, Fe Removal.  
 Good discussion of projects.
- 8 (9) Focus is technical support to site. Industry comparisons.  
 Support site self assessments - independent look. How to deal w/ problems.  
 Recommendations to fix. Identify barriers and work w/ site and corp.  
 mgmt. Would escalate.
- 2.5 (10) EOP is internal protection PWR is chemistry protection.  
 common - instrumentation - spend more time on evaluation. Less on data  
 collection.
- 7 (12) Distinguishing at time to take action - and for training - less time for  
 fault.
- (15) Incl. 3 examples - one is system health. Good knowledge  
 of BFN for training. Good for training - derived - good. For  
 training 1.2 hrs. for training.

GG000599

Page 77.1

8.5 (16) Has exp. before ~~now~~ <sup>now</sup>.  
Working people & organizations as part of right team.  
Greatest challenge - can support in cost effective solutions.

(17) Molar ratios - mix Na injured, balance over right w/ buffer.  
add amount is phosphate to balance.  
Goal general  $.3-.5 = \frac{Na}{Cl}$

(18) Hyd Water Chem. Good understanding.

Some training in water... and good soil  
technical.

Charles Kent

6 F.

GG000005

- ① - Knows need people skills to accomplish goals. Tq. & Set. of skills.

7.5

eg.

- Knows issues, priorities, areas - where we can get into trouble.

- ② - Weakness in lack of follow-up and follow-through. Must watch self and follow through.

7.0

- ③ - WEN startup more power manipulation, steam brought in, pressure, real problems w/ politics, No things, region.

- Brought in Finister to review No. then & make rational position.

- Didn't know plan would be assigned to him.

- Can't calculate temperature - not plant didn't expect.

\* INPO work. report & cap;

\* Over a year ago - worked on startup plan for WEN.

- Not happy w/ status of plant. Primary OK. Lots of procedure not. Probably greatest area of liability.

\* INPO, if so, procedure. We were Hatched team.

- ④ If you have good in your head, you can - go around with leadership.

- to be out of knowing what's going on at the grass.

- This goes to look at inst. cat. not even same cat.

- Doesn't align with right. Very many things in C. form.

- ... ..

When do we ... .. when can't control.

7.0

GG000601



7.0 (11) • Major issues - Keeping up w/ technology.   
 1. not to ... Too difficult to get money. Was not involved in ... at SON, all come after ...   
 Money or lack of it ... stuff.

7.5 (12) Entering will occur w/ build up of ...   
 Big problem @ ... support ...   
 Primary constraints - ...   
 Not a problem he has to deal with any more.

(15) Chemistry index -  $SO_4$ ,  $Cl$ ,  $Na$  ...   
 program. What is SON? don't know hasn't seen SON #s.

7 (16) Algae exp. Chem. Mgr. 4 yrs ← Best thing   
 Preparing jobs. Wasn't ready for regulations and people issues.

8 (17) Molar ratio - <sup>molar concentr.</sup> of  $Na \& Cl$ , Not just watching ammonia ...   
 ... getting input to Target level .5, based on ...   
 return.

63

East Hwic

BWR

No Degr.

6 (1) 11 yrs exp at EPR & BWR shift emp. ... solution solving & special projects. Has been in ... and led several investigations. Taken lots of courses.

6 (2) weaknesses - lack of experience as manager - budget, personnel issues.

6 (7) OIT for EPR

6 (9) Assist site as emp. needs and upgrade in areas. Through EPR ... limited experience. Help site identify cause of problem and follow through. Could go up line at EPR site.

(11) What I know. or size - stress corrosion cracking, - crack, - well situated plant life. - Hydrogen water chemistry, ... it will help. lots of diagrams and in ...

7 (3) resume oxidation in PWR plant, Don't have chemical composition, thinks very expensive, Has issues - lots of ... the ... No idea of quantity. No concept of EPR values. Above engineering evaluation of crack progression.

6 (13) ... - set at a level of ... Doesn't mean ... How large ...? Good inputs. For to ... - ... 1-7? ... 1-2.

6 (15) ...

GG000603

John Trainer

BWR

7 ①

Personal strengths over the course, 14 yrs of chemical engineering experience. Team of quality.  
Totally good project management experience.

7 ②

Can not wait for you - need to come up & speed on security matter.  
Need systems training. Thinks is a quick study.

7.5 ⑦

- Chemical Decom project of BFN RSCU. Reduce dose rates.
- Make-up water treatment facility at SQN water production. '89.
- 12% to 4% EOR reduction. Scheme finally put in place.

7.0 ⑨

- Corp. Chem. provided oversight and technical support.
- Discom real time site team. Review trends - do technical review, provide recommendations. Did not really answer questions  
thinks prof. credibility will prevail. Would in the end escalate it.

6 ⑪

BFN - impl. of Hydrogen water imm. sub. assoc. risk  
SQN - performance monitoring of U-2, since condenser replacement

6 ⑬

Control of U-2. Increase dose fields. High potential. Team of  
the 1st 2nd 3rd

6 ⑮

No info on Chem. index. Did not know end of test - 1st.  
Not aware of chemical contamination involved.

4 ⑯

First round of test. 1st. 2nd. 3rd.

GG000604

John Traine Rodwasta  
- but, I will say this -

7 (1) 8

7 (2)

6 (1) Has been involved in contract negotiations. Has dealt w/ elements of some radioactive generating programs.

4/6 (8) N.C. was supposed to have new facilities available by 1/96.  
*Thinks Chem. Dept. part of problem.*  
TVA has lot of money. E.C. still open. Barwell - now open for rest of country.

2 (9) Not familiar w/ targets and goals but knows we have permits. *Thinks goal should be zero.* Most sig challenge - reluctant to say no. *Was aware of general types of limits.*

2 (11) Could maintain if needed.

1 (10) Was 20 years ago in corporate.

4 (14) Only conceptual knowledge. General comment  
Doesn't know how to say "I don't know".  
Needs question of both.

Dickie Nida

Eye attitude, Energetic.

4 (1) Thinks strength of environmental since work last year.

0 (2) No radwaste experience.

3 (3) Was involved in negotiating contracts at SQW also some  
in agreement w/ resource group.

0 (4) No knowledge of radwaste compact issues.

6 (5) Want to stay in compliance w/ regulations. 26 Env. events.  
Once was environmental leader, now env. compliance.  
Thermal compliance sig. issue said 7 implied 6 cooling tower  
Not a serious compliance,  $5^{\circ}\text{C}/\Delta\text{T}$ , Trying to come w/  
Agmt. Also, goes to reduce hazardous waste.

1 (10) Has had some training and does some thing. No training for  
firm.

2 (11) Had no training in radwaste mgmt. No training in  
RADMAN or NRC reg. Has had some thing w/ DOT requirements

5 (12) Do not know. Familiar with haz. waste via N-T activities.  
Rad waste. Discuss generalities of reg. No. used knowledge  
of radwaste handling requirements - missed. Has read  
some of the requirements

GG000606

- Could bring to job. - Some things important and others not so much.  
- Was an RPA for Reg. due to desire to finish degree.  
- in special instrument maintenance. Some sense

Lemon Review

RP

- 7 (1) Radwaste experienced many years, lots of history with sites, not much recent experience in environmental. Tergis Inc - audits and runs sites. Knows people and relations.
- 5 (2) Keeping up with workload to balance priorities.
- 2 (9) NVLAP terms term, all knows hand for J Flanagan. Purpose to ensure quality and accuracy of TLD measurements.
- 8 (8) Just seeing tip of iceberg of potential litigation cases. So far has good record of response to ~~some~~ claims. Weakness - does records errors from distant past, sig. liability. Since records not automated takes too much time to research cases.
- 2 (10) No real opinion on linear dose response.
- 5 (11) REAG - made up of Corp Mgr, Mgr, and Legal. Make recommendations to sites regarding issues, resp. use etc.
- 7 (15) Best defense - good records, good research, good legal support. Did not say - individual support and confidence, very important.
- 1 (17)

RW

- 7 (1)  
5 (2)  
1 (11)
- Dealing w/ R.W. contracts since '74.  
Has managed 14 contracts at a time.  
in general multi-site contract -  
has firm agreement w/ Chem. Nuclear.  
Currently major responsibility.
- 10 (8) Good knowledge of contracts and issues:  
Currently 12 contracts. Only 1 contract has new  
site leased but not opened.  
Has not worked.
- 4 (9) Not familiar w/ env. compliance. Knows we have goals.  
No specifics. Thermal monitoring. Is aware of PCB  
issue.
- 15 (10) Has served as safety mgr. for 4-5 yrs. also served as  
lab mgr. coord. Functioning for all sites.
- 0 (11) Is trained NRC & DOT. IS ACTION taken to report on it.  
Delt w Regs since '74, going up.
- 8 (14) Good family history. General. w/ env. issues. training in the

John L'ocdel

R.P.

10.9 (1) Good Technical Background & education. Good experience.  
Works well with people at sites

7 (2) Not strong in rad. shipping. Appears laid back. May not be  
assertive.

8.5 (4) Understands NVLAP

7.5 (8) Not too familiar with recent cases.  
Have to prove what can show were, quality of records, etc. <sup>work as</sup>

8 (10) 25% will get cancer anyway. Conservative approach as HP's.

7 (11) P.E.H.G. should be composed of Co. & site mgmt. Advice on litigation  
issues. Not a member of P.E.H.G. Should keep up w/industry  
developments.

9 (15) What does long time. Thinking, needs knowledge, does matter p  
in, need to use records.  
How current is your knowledge. - Has heard J. Frick 2-3 yrs ago.

8.5 (17)

1.15

GG000609



J. Lobbell

T.S.

9 (1)

7 (2)

7 (4) If agreement required, seek an negotiat. all things don't require consensus.

7 (7) If can't negotiate - only thing we can do. Try to work it out then go to litigation. Would continue to negotiate.

6 (8) Owe the site back-up, would try to put off site & NRC and meet corp. commitment.

6 (9) Review reg. procedure go to site & evaluate.

7.5 (10) Benchmarking, technical expertise, program direction, self assessments, standardization.

3.5 (11)

-8  
80  
Things countries are responsible.

GG000610

Reg. Niall

T.S.

- 9 ① Technical Expertise - req. assessment, doc. m., HIRA, Eng Experience.  
Good interpersonal skills, recognized as competent.  
Good communication skills.
- 9 ② Experience in operational issues. Hope to develop in this area.
- 7 ④ Resolve at lowest level possible. Best way to get consensus  
Escalate up chain.
- 9 ⑦ Try to work through lower levels. Escalate if necessary.  
Should have good documentation of devts.
- 9,10 ⑤ Try to get another to ~~get~~ give presentation. Support to setu is  
primary functions.
- 7 ⑧ Understands process improvement process, peer team use, etc.
- 9 ⑩ Plan is focused. Could be able to provide this exp, coordination, writing  
reviews.
- 8 ⑪ Restrict area, call HEO, did not volunteer to go.

70.5  
80

GG000611

Jim Flanigan

R.P.

- 8 ①
- Experience in job for 8 years
  - Is NVLAP technical expert, seen lots of other processes.
  - Good experience
- 17 ②
- Work too much 50-60 hrs/wk. Maybe not efficient.
  - Problem w/ follow-up - need to prod people more.
- 10 ⑦
- NVLAP - Good knowledge of process.
- 10 ⑧
- Good knowledge of m.d. 70K expert to T12. lots of potential claims.  
People have experience in program - some liability.
- Weaknesses - ability to recover data. People who know history are leaving.
  - Also, not doing a lot to make people happy.
- 8 ⑩
- Below 10 rem - no impact - detriment to individuals.  
Doesn't think there is evidence it is healthy,  
Doesn't think it is linear.
- 10 ⑪
- REG - to advise management on ... which could impact litigation. Last policy - prenatal program.
- 10 ⑮
- Bring a/c to prove the case.  
Work more comp. to easier to prove than to ...
- 11 ⑯
- Legal records not enough equipment. Litigation ...

GG000612

Date: July 18, 1996

POSITION: PWR & BWR

NAME: Chander

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1. <u>10</u>	<u>8</u>	<u>8</u> 1. Educ. PHD - Analytical Chem. 2. managed laboratory for Nuclear plants 8 yrs. managed laboratory 3. Houdouh history & PWR plants. Tech support Mgr in PWR 4. 5 yrs. BWR/BRN PWR at all 3 sites
2. <u>9</u>	<u>8</u>	<u>9</u> Weaknesses - More detail system training Management training. SRO More BWR site experience
7. <u>10</u>	<u>8.5</u>	<u>9</u> Support Raw Water at BRN - monitor <sup>perf.</sup> feeders Support implementation of Zinc Oxide <sup>very effective</sup> Hydrogen Water Chem. Condensate Project - improve run time w/IRON Cooling Water Chem. Control On Team QA/QC @ JPD - GOOD Success INFO concluded as a strength Lessons Learned - implemented at other sites
9. <u>9.5</u>	<u>8</u>	<u>8</u> Focus - Providing tech support to the site To more of best Look @ industry + Benchmarks w/ Industry for perf. identification Provide an independent look Get ready for INFO evaluation. GG000613
84.5. <u>16</u>	<u>75</u>	<u>Problem @ site: Mgmt. Chem bring the right players in to discuss barriers work closely w/ site to determine type of problem. Write a problem evaluation Bring issue to proper mgt even if asked</u>

TOTAL POINTS: \_\_\_\_\_

11. 9.5 <sup>8.5</sup> BWR -
1. Reactor Protection
  2. Repairs & replacements (replacement cost)
  3. Give max. protection
  4. Instrumentation  
Trend & evaluate data

discussed problems @ all plants  
work in Communications area

12. 9.5 <sup>8.5</sup> IDG - tube support area in Steam Generator  
tube expands from corrosion.  
Iron Oxide = Cause

13. 10.5 <sup>8.5</sup> IDG Chem. revised to better in last couple  
of yrs.  
BWR - 1.2 BFN Goal / 1.0 currently  
BWR - 1.2 BFN Goal / max = 1  
1.2 SQN Goal / 1.0 + 1.1 SQN currently  
Exp. 2000 goal by IDG - Haven't seen #'s

16. 8.5 <sup>8.5</sup> IDG & supervise presently  
Supv. 12 people outside TVA + budget process  
Greatest Challenge - Technical  
Managed - use team approach to resolve  
problems.

17. 9.5 <sup>9</sup> Water Reactor - Concern: Sodium / Condenser leaks  
PH Swings  
Chloride addition  
Keep around 5 PPM  
Goal is to make sure crevice region is protected

13. Hydrogen Water Chem -

GG000614!

Date: July 18, 1996

POSITION: PWR

NAME: Gary Eisen

REVIEW BOARD MEMBER: D. Jimmie Whitehead

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
1	7.5	5 <u>Good people skills &amp; good report</u>
2	7	5 <u>Unclearness - tends to trust people too much needs to follow through more</u>
3	7.5	5 <u>Projects: Current July 5</u> 1. July 2 - Police Project (feels about new variables about problems) 2. Pre-INFO Assessment (ulate 12 PERs) 3. 1 yr. ago - Amalia Hydrozeng - Integrate <u>doesn't specifically</u> <u>asked to summarize</u> <u>had difficulty in summary - handled</u> <u>about 1000 PER</u> <u>Finally gave biggest weakness</u>
4	7.8	7 <u>1. W&amp;W Program is going well I'm doing my job</u> <u>I shouldn't be sticking up to people (N/A) job is not</u> <u>make sure we have a game plan to stick up to</u> <u>I identify problem &amp; fix it</u> <u>Established priorities &amp; fix it - we haven't</u> <u>fixed anything yet.</u> <u>My role is to get involved &amp; get things fixed or you</u> <u>don't need me or the Dept.</u> <u>Escalate to Ron</u>
11	7	6 <u>Biggest concern is keeping up with</u> <u>Technology</u> <u>Stay abreast of technology</u> <u>Need to budget money to purchase new</u> <u>technology</u> <u>"I don't know what new widget is on the horizon</u> <u>but I do know how much it cost to lose</u> <u>power.</u>
12	7.5	6 <u>Douling - SDN doubled in 200 days / 1/2 cycle</u> <u>Primary constituent that causes the delay - SDN</u>

TOTAL POINTS: 65.8

GG000615

"Not really  
true"

15. 7 6 5 ENPO industry average - 2 different equations  
It's based upon industry avg. / cleaners  
Since it's based upon industry avg. - it changes.  
You know how you stack up with industry avg.  
Present <sup>clean.</sup> index Number = Not sure what it is  
What are yr. 2000 Number from ENPO - don't know.

16. 7 11 8 5 Experience & Training -

24 yrs. Mgmt. experience

SDN = Chem Mgr. 4 yrs. (plant start up)  
went to Mgmt. training course

What would someone need to prepare for  
Site Chem. Mgr. position?

- Know how to present case
- Know how to compete for people, time, resources
- Present yourself professionally

SDN was a very frustrating time - Union, Lack of  
Money, resources, ADA, I wasn't  
ready for that job.

17. 8 8 7

Wilson C. McArthur was appointed Manager, Technical Programs, Operations Services, from 12/20/90 to 8/10/94. Technical Programs included the following:

Rad Con  
Chemistry & Environmental  
Protective Services (Fire Protection & Security)  
Emergency Preparedness  
ERMI  
Industrial Safety

During this period (approximately in June 1992), Chemistry and Environmental was separated into a Chemistry group and a Environmental Protection group which included a Chemistry Manager, PG-10, Ron Grover, and a Environmental Protection Manager, PG-10, David Sorrelle.

On August 21, 1994, there was a reorganization where Technical Programs was eliminated and the positions of Rad Control Manager, PG-11, and Chemistry and Environmental Protection Managers were established, reporting to the Manager of Operations Support.

Under the Rad Con Manager were three Rad Control Specialists, PG-8, positions. Under the Chemistry and Environmental Manager were three Chemistry and Environmental Specialists, PG-8, and one Environmental Specialist, PG-7.

In June of 1996, another reorganization took place in Technical Support and a Radiological and Chemistry Control Manager, PG-SR, position was established. The Rad Chem organization was made up of the following:

Rad Con	2 PG-8 positions
Chemistry	2 PG-8 positions
Environmental/Radwaste	1 PG-8 position
ERMI	16 positions

These positions were initially under the Technical Programs organization.

2407Y

*Allen Sorrell Temp/rotational over Rad Con Chem.*

GG000617



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

GG000618

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.

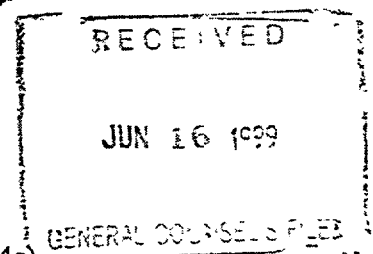
**Herbert H. Huie**: Has worked as a supervisor at Browns Ferry. Has the potential for advancing within TVAN. Not yet prepared for this position level.

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)

GG000619

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)

GG000620

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)

GG000621

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

GG000622

Ben Easley  
Page 2  
July 31, 1996

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)

GG000623

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)

GG000624

		CHEMISTRY PGM MGR-BW, 10702		ION 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

CG000625



101

CG000626



RADCON PGM MGR PROGRAM				SECTION WORKSHEET				
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 (25 YEARS) & 4 YEARS AS TECHNICIAN	YES (11 YEARS) & TVAN & 3 GPU	YES	YES	YES (9 YEARS) & 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. 1978	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

GC000628

Date: July 18, 1996

INTERVIEW SCHEDULE

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

OK X 12:30- 1:15pm.....Gary L. Fiser (PWR) 10703

40063

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

10703 + 10702

90784

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

10703 + 10702

90438

OK X 2:45- 3:30pm.....Hubert H. Huie (BWR) 10702 PK

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

10702 + 10707

CHEMISTRY

OK 4:15- 5:00pm.....Diedre B. Nida (Radwaste/Env) 10707

10991

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

10705 + 10707

90446

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

10705 + 10706

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

OK 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 Room.

GG000629

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

a:\RadChem\Wilson\SLection.doc

GG000630

CANDIDATES

GG000631

**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

GG000632

INTERVIEW SCHEDULE

GG000633



Date: July 18, 1996

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)

GG000634

GARY FISER, 12:30-1:15  
PWR

GG000635

EMPLOYEE APPLICATION FOR ANNOUNCED  
VACANT POSITION

1395  
Received 25  
11/11

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 GARY L 2. Soc. Sec. No. [REDACTED]  
Last First Middle  
3. Present Job Senior Chemistry and Environmental 4. Schedule & Grade PG-8  
Title Specialist  
5. TVAN Department OPERATIONS SUPPORT/  
Organization CHEMISTRY & ENVI.

I wish to apply for the following vacant position:

6. Announcement 10703 7. Vacant Position Job PROGRAM MANAGER., CHEMISTRY (PWR)  
Number Title  
8. Schedule & Grade PG-8 9. TVAN, OPERATIONS Departme RAD/CHM  
Organization SUPPORT nt CTRL

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

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.

GG000636

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 solemnly 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.

GG000637

# VACANT POSITION ANNOUNCEMENT

## SUMMARY DESCRIPTION OF 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.

TVA-WIDE

MANAGEMENT

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

NUCLEAR HUMAN RESOURCES  
LOOKOUT PLACE 3A-C (X-2344)  
PENDING FINAL HAY EVALUATION

CLOSING DATE:

06/25/96

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

TVA NUCLEAR	WORK LOCATION CHATTANOOGA
NUCLEAR OPERATIONS	POSITION PROGRAM MGR, CHEMISTRY (PWR)
OPERATIONS SUPPORT	GG000638
DEPARTMENT (SUPV: RAD & CHEM CONTROL MGR)	SCHEDULE AND GRADE PG 08
	ANNOUNCEMENT NO. 10703

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

## GARY LYNN FISER

[REDACTED] (Residence)

[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  
Chattanooga, Tennessee

1987 - PRESENT

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  
Russellville, Arkansas

1973 -1987

Nuclear Quality Specialist, September 1986 - September 1987

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

GG000639

#### 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.

GG000640

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

PWR

- 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. *exp. as much as possible*
- 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?
- 15) *Explain risk retention, primary factor influencing risk retention.*

GC000641



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\SLecture.doc

GG000642

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

TOTAL POINTS: \_\_\_\_\_

GG000643

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

GG000644

EMPLOYEE APPLICATION FOR ANNOUNCED  
VACANT POSITION

1996  
Received: 1/7

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 Sam L. 2. Soc. Sec. No. [REDACTED]  
Last First Middle  
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, brother, 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  
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.)

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

GG000645

me

Harvey

Sam

L.

2. Soc. Sec. No.

Last

First

Middle

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

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

Signature

Date

TVA Mailing Address

BR 50-E

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.

GG000646

## RESUME

Sam L. Harvey III

**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:** 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 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

GG000647

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

CG000648

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 Chemical Radiation Technician, Georgia Power Company, Plant Hatch Nuclear  
September 1981 Station, Baxley, Georgia. Responsibilities included: calibration of plant liquid and gaseous effluent radiation monitors; prepared effluent release permits; performed radiochemical separations; operated water and waste treatment systems, developed chemistry procedures; operation of counting room equipment and data review; performed chemistry and health physics related activities in assigned areas; performed contamination, radiation and air sample area surveys; and performed radwaste shipments.

REFERENCES: AVAILABLE UPON REQUEST.

GG000649



EMPLOYEE APPLICATION FOR ANNOUNCED  
VACANT POSITION

Received <sup>1986</sup> JUN 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 Sam L. 2. Soc. Sec. No. [REDACTED]  
Last First Middle  
3. Present Job Title Program Manager 4. Schedule & Grade PG8 1  
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 'd be directed by you if selected for the vacant position? Yes        No X  
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.)

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

GG000650

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

Signature [Signature] Date 6/17/96  
TVA Mailing Address BRSD-C

Note: This application will not be filed in your personal history record. Any information about your training or experience which you wish to have placed in your personal history record should be sent by memorandum to 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.

GG000651

## RESUME

Sam L. Harvey III



**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:** 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 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

GG000652

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

CG000653

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 Chemical Radiation Technician, Georgia Power Company, Plant Hatch Nuclear  
September 1981 Station, Baxley, Georgia. Responsibilities included: calibration of plant liquid and gaseous effluent radiation monitors; prepared effluent release permits; performed radiochemical separations; operated water and waste treatment systems; developed chemistry procedures; operation of counting room equipment and data review; performed chemistry and health physics related activities in assigned areas; performed contamination, radiation and air sample area surveys; and performed radwaste shipments.

REFERENCES: AVAILABLE UPON REQUEST.

GG000654

PWR

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

GG000655

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.
- (17) Define molar ratio, control factors and controls.

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GG000656

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

TOTAL POINTS: \_\_\_\_\_

CG000657



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

BWR

- ✓ (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?

GG000658

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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GG000659

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
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_____	_____	_____
_____	_____	_____
_____	_____	_____

TOTAL POINTS: \_\_\_\_\_

GG000660

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

GG000661

EMPLOYEE APPLICATION FOR ANNOUNCED  
VACANT POSITION

Received: 1998 JUN 20 11 57

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 E S 2. Soc. Sec. No. [REDACTED]  
*Last First Middle*

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 'd be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on page 2.

1. 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

GG000662

me CHANDRASEKARAN E S 2. Soc. Sec. No. XXXXXXXXXX  
*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.

GG000863

## 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

GG000664

## 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.

GG000665



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

CG000666

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 E S 2. Soc. Sec. No. [REDACTED]  
*Last First Middle*  
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 10702 7. Vacant Position Job Title PROGRAM MGR, CHEMISTRY (BWR)  
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 'd be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on page 2.

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PLEASE SEE ATTACHED RESUME

GG000667

ne

CHANDRASEKARAN

E

S

2. Soc. Sec. No.

*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. <sup>1</sup>

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.

GG000668

## 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:

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- 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

GG000669

## 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.

GG000670

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

GG000671

HUBERT HUIE, 2:45-3:30  
BWR

GG000672

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 Hubert H. Jr. 2. Soc. Sec. No. [REDACTED]  
Last First Middle  
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 (Shift)  
Schedule PG-8 8. and Grade PG-8 9. Division Operations Support Branch Nuclear Operations  
Section Reactor 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

1995 JUN 25 AM 9:30

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.

GG000673

Signature \_\_\_\_\_ Date \_\_\_\_\_

TVA Mailing Address POB-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.

Work (205) 729-2367

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

GG000674

- 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.

GG000675

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

BWR

- ✓ 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?

GG000676

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

GG000677

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
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_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

TOTAL POINTS: \_\_\_\_\_ GG000678

JOHN TRAYNOR, 3:30-4:15  
BMR & Radwaste

GG000679

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. 2. Soc. Sec. No. [REDACTED]  
Last/First/Middle

3. Present Job Title: PROJECT MANAGER Schedule and Grade  
(Salary Policy Only): PG-8

5. Organization: TVA Department: PROJECT MGT & CNTLS

I wish to apply for the following vacant position:

6. Announcement # 10702 Vacant Position  
Schedule and  
8. Grade (Salary Only): PG-8 7. Job Title PROGRAM MGR, CHEMISTRY (B/R)  
Department: NUCLEAR OPERATIONS / OPS SPT 9. Organization: TVA NUCLEAR  
Department: RAO & 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 UPA 10702 AND HAVE THE ABILITY TO BRIDGE MY EXPERIENCES, TRAINING, AND 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]  
TVA Mailing Address: 612-3X-C

Date: 6/21/96

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.

GG000680

## 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, Denning-Druckard Principles, Total Quality, Negotiating Skills Development, Root Cause and Problem Solving, Employee Diversity

GG000681

### 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-condensable 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.

GG000682

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

GG000683

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. 2. Soc. Sec. No. [REDACTED]  
Last/First/Middle
3. Present Job Title: PROJECT MANAGER 4. Schedule and Grade (Salary Policy Only): PG-8
5. Organization: TVA'S PROJECT MGT & CNL'S Department: PROJECT MGT & CNL'S

I wish to apply for the following vacant position:

6. Announcement # 10707 7. Vacant Position Job Title PROGRAM MGR, RADWASTE/ENVIRON PROTECTION
8. Grade (Salary Policy 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 ☒. 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]  
TVA Mailing Address: WR 3X-C

Date: 06/21/96

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.

GG000684

JOHN C. TRAYNOR

[REDACTED]

## 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, Denning-Druckard Principles. Total Quality, Negotiating Skills Development, Root Cause and Problem Solving, Employee Diversity

## PUBLICATIONS

GG000685

## 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-condensable 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

GG000686

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.

GG000687

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

GG000688

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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GG000689



Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
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TOTAL POINTS: \_\_\_\_\_

GG000690

**QUESTIONS FOR**  
**PROGRAM MANAGER, RADWASTE/ENVIRONMENTAL PROTECTION**  
(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) 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?

GG000691

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.
- 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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GG000692

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
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TOTAL POINTS: \_\_\_\_\_ 66000693

PIEDRE NIDA, 4:15-5:01  
Radwaste

GG000694

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 Nida Diedre Bryant 2. Soc. Sec. No. [REDACTED]  
Last First Middle  
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 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.)

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 Diedre Bryant 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 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.

GG000696

Diedre B. Nida

(423) 751-8123 (W)

## 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

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

GG000697



May 1996

## Education

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

GG000698

QUESTIONS FOR  
PROGRAM MANAGER, RADWASTE/ENVIRONMENTAL PROTECTION  
(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) 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?

GG000699

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.
- 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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GG000700

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
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TOTAL POINTS: \_\_\_\_\_ GG000701

LINON KLAES, 5:00-5:45  
Programmatic & Radwaste

GG000702

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 Lenon J. 2. Soc. Sec. No. [REDACTED]  
*Last First Middle*

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 halvesister employed in TVA who is directing/supervising/managing the vacant position or would be directed by you if selected for the vacant position? NO If "yes," list name(s), relationship(s), and position(s) on page 2.

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.

1075 JUL 17 AM 5

GG000703

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

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 Leon 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.

GG000704

## 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.

GG000705



## 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.

GG000706

## 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.

Low-Level Radioactive Waste Management at Tennessee Valley Authority - Presented at Waste Management 84, Tucson, Arizona, March 3, 1984.

Low-Level Radioactive Waste (LLRW) Management at Tennessee Valley Authority (TVA) - Presented at the Radioactive Exchange LLRW Decisionmaker's Forum, Wild Dunes, South Carolina, June 8, 1985.

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

GG000707

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.

Position Paper - Filing of the NUMARC Below Regulatory Concern (BRC) Petition  
With NRC - Internal TVA paper, June 25, 1990.

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.

Low-Level Radwaste Storage Module Upgrade - presented to Sequoyah Nuclear  
Plant management, September 25, 1992.

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.

GG000708

## 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

GG000709

## 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

- 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)

GG000710

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 Lenon J. 2. Soc. Sec. No. [REDACTED]  
Last First Middle  
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 10707 7. Vacant Position Job Title Program Manager, Radwaste/Environ Protection  
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.

GG000711

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

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.

GG000712

## 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.

GG000713



## 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.

GG000714

## 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.

Low-Level Radioactive Waste Management at Tennessee Valley Authority - Presented at Waste Management 84, Tucson, Arizona, March 3, 1984.

Low-Level Radioactive Waste (LLRW) Management at Tennessee Valley Authority (TVA) - Presented at the Radioactive Exchange LLRW Decisionmaker's Forum, Wild Dunes, South Carolina, June 8, 1985.

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

GG000715

RESUME (Continued)

Lenon J. Riales III

IONS AND PRESENTATIONS (Continued)

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

as  
ative

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

mittee,

n Paper - Filing of the NUMARC Below Regulatory Concern (BRC) Petition  
RC - Internal TVA paper, June 25, 1990.

Testing

ementary School Teacher's Seminar, Low-Level Radioactive Waste  
ement - February 23, 1991.

Group,

ste Briefing For TVA Chairman Marvin Runyon - Internal TVA paper, July 8,

Cask.

al/S e Action Plan For Management of TVA Nuclear Plant Low-Level  
ste - Internal TVA Study, March 27, 1992.

up.

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

vel Radwaste Storage Module Upgrade - presented to Sequoyah Nuclear  
management, September 25, 1992.

ess For  
iree TVA

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

les.

al Of Low-Level Radioactive Waste: An Expensive And Uncertain  
ment For A Utility - W. C. McArthur, Lenon Riales, Glenn Hudson, S. G.  
and J. D. Osborne, Health Physics Society, San Francisco, California, June  
4.

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

Training

GG000716

0000717

## 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

- 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)

GG000718

QUESTIONS FOR  
PROGRAM MANAGER, RADIOLOGICAL CONTROL (PROGRAMMATIC)  
(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) 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?
- 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?
- 11) What are the functions of the Radiological Effects Advisory Group?
- 12) What are the two potential areas for Radiation Injury Claims?
- 13) What are the major differences between the two types of injury claims?

GG000719

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

- 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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GG000720

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
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_____	_____	_____
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_____	_____	_____
_____	_____	_____
_____	_____	_____

TOTAL POINTS: \_\_\_\_\_

GG000721

QUESTIONS FOR  
PROGRAM MANAGER, RADWASTE/ENVIRONMENTAL PROTECTION  
(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) 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?

GG000722



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.
- 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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GG000723

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
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_____	_____	_____
_____	_____	_____
_____	_____	_____

TOTAL POINTS: \_\_\_\_\_

GG000724

JOHN LOBELL, 5:45-6:30  
Programmatic & Tech  
Support

GG000725

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 JOHN L. 2. Soc. Sec. No. [REDACTED]  
*Last First Middle*

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

1996 JUN 19 AM 4:35

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.

GG000727

John L. Lobdell, Ph.D., C.H.P.

[REDACTED], (205) 386-3773 (work)  
E-mail(work): idxqu@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".

CG000728

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 accredited 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  $\text{CaF}_2\text{:Mn}$  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 Ge'rin 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).

GG000729

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 JOHN L. 2. Soc. Sec. No. [REDACTED]  
*Last First Middle*

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 10706 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

1996 JUN 9 AM 8:55



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.

GG000731

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.

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GG000732

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.

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Significant Papers and Publications:

"Suitability of Glass-Encapsulated  $\text{CaF}_2\text{:Mn}$  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.

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GG000733

QUESTIONS FOR  
PROGRAM MANAGER, RADIOLOGICAL CONTROL (PROGRAMMATIC)

(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) 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?
- 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?
- 11) What are the functions of the Radiological Effects Advisory Group?
- 12) What are the two potential areas for Radiation Injury Claims?
- 13) What are the major differences between the two types of injury claims?

GG000734

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

- 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?

a:\RadChem\Wilson\Slection.doc

GG000735

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

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[illegible]

TOTAL POINTS: \_\_\_\_\_

QUESTIONS FOR  
PROGRAM MANAGER, RADIOLOGICAL CONTROL  
TECHNICAL SUPPORT/ALARA

(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) 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?
- 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?

GG000737

QUESTIONS FOR  
PROGRAM MANAGER, RADIOLOGICAL CONTROL  
TECHNICAL SUPPORT/ALARA

(page 2 of 2)

July 18, 1996

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

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

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

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

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

ER: Secure the area to prevent personnel access, contact the Radiation Protection 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.



JIM FLANIGAN, 6:30-7:15  
Programmatic

GG000740

EMPLOYEE APPLICATION FOR ANNOUNCED  
VACANT POSITION

1995 JUN 18 AM 7:07

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 Flanigan James A. 2. Soc. Sec. No. [REDACTED]  
Last First Middle

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.

GG000741

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 [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.

GG000742

JAMES A. FLANIGAN

(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.

### GPU 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

JAMES A. FLANIGAN

(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.

GC000744

JAMES A. FLANIGAN

(W) (423) 751-4709,  
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 Baldrige 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

GG000745

JAMES A. FLANIGAN

(W) (423) 751-4709,

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

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

GG000746

GG000747



QUESTIONS FOR  
PROGRAM MANAGER, RADIOLOGICAL CONTROL (PROGRAMMATIC)  
(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) 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?
- 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?
- 11) What are the functions of the Radiological Effects Advisory Group?
- 12) What are the two potential areas for Radiation Injury Claims?
- 13) What are the major differences between the two types of injury claims?

GG000748

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

- 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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GG000749

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
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_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

TOTAL POINTS: \_\_\_\_\_

GG000750

REGIS NICOLL, 7:15-8:00  
Tech Support

GG000751

EMPLOYEE APPLICATION FOR ANNOUNCED  
VACANT POSITION

Received: 1996 JUN 14 AM 8

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 Regis M 2. Soc. Sec. No. [REDACTED]  
Last First Middle  
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.

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.

[Lined area for additional information]

GG000752

Name Nicoll Regis M 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



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.

GG000753

## RESUME

Regis M. Nicoll, CHP

### PERSONAL

Married, two children

### 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 UIC7 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.

GG000754

## 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.

GG000755



QUESTIONS FOR  
PROGRAM MANAGER, RADIOLOGICAL CONTROL  
TECHNICAL SUPPORT/ALARA

(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) 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?
- 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?

GG000756

QUESTIONS FOR  
PROGRAM MANAGER, RADIOLOGICAL CONTROL  
TECHNICAL SUPPORT/ALARA

(page 2 of 2)

- 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.

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
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_____	_____	_____

TOTAL POINTS: \_\_\_\_\_

GG000758

CHEM (BWR)  
ANNOUN. NO. 10702

GG000759

VPA NUMBER: 0000010702

STATUS: PROCESSING APPLICATIONS

GROUP: TVA-WIDE

SCHEMATIC AND GRADE: PG OR NUMBER OF POSITIONS:01

JOB TITLE: PROGRAM MGR. CHEMISTRY (BUR)

LOCATION: CHATTANOOGA

ORGANIZATION: TVA NUCLEAR  
NUCLEAR OPERATIONS  
OPERATIONS SUPPORT  
(SUPERVISOR: 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 TVA FACILITIES. DETERMINE  
PROGRAMMATIC REQUIREMENTS FOR CHEMISTRY MANAGEMENT PROGRAMS. THE INCUMBENT  
SERVES AS THE PRIMARY LIAISON BETWEEN THE TVA SITES AND TVA CORPORATE. THE  
INCUMBENT MANAGES THE IMPLEMENTATION OF DIRECTIVES, STANDARDS, AND POLICIES  
AND REGULATIONS AT ALL TVA SITES. THE INCUMBENT IS THE LEAD RUC CHEMISTRY  
CONTACT FOR ENSURING THAT HIGH STANDARDS ARE SET AND MAINTAINED AT BOTH  
CORPORATE AND THE TVA 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 TVA SITES.  
INCUMBENT IN THIS POSITION IS SUBJECT TO ROTATIONAL ASSIGNMENT.

GG000760

TO APPLY SEND FORM TVA 9824 TO:

NUCLEAR HUMAN RESOURCES  
LOOKOUT PLACE 3A-C (X-2344)  
PENDING FINAL HAY EVALUATION

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Refer to Principles and Practices Manual, Communications Practice, Access to and  
Protection of Personal Information.

GG000761

## PERSONAL INFORMATION

POSITION: VPA: 10702 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 2581 PROGRAM MGR

SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	SEX	ETHNIC GROUP	DISABILITY	TENURE	FULL/PY/ INTERMED	EMP RPTG	PRESENT POSITION	SAL ADM /GRADE
NIDA, DIEDRE B	[REDACTED]				Permanent	Full-Time	SPA	SPECIALIST	M 07
TRAYNOR, JOHN C	[REDACTED]				Permanent	Full-Time	SPA	PROJECT MANAGER	M 08
HARVEY III, SAM L	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 08
CHANDRASEKARAN, E S	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 08
NORWOOD, DONALD W	[REDACTED]				Permanent	Full-Time	SPA	PROJECT ENGR	M 09
HUIE JR, HUBERT H	[REDACTED]				Permanent	Full-Time	SPA	SHIFT SUPERVISOR	M 05

GG000762

## EDUCATION INFORMATION

POSITION: VPA: 10702 NO.: 1 CLOSE DATE: 06/25/1996

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	CHEMISTRY	BOMBAY UNIV	Y	01/01/1964
CHANDRASEKARAN, E S	[REDACTED]	Doctorate	MS/MA	CHEMISTRY	BOMBAY UNIV	Y	01/01/1966
CHANDRASEKARAN, E S	[REDACTED]	Doctorate	PhD	CHEMISTRY	MI ST U	Y	01/01/1975
NORWOOD, DONALD W	[REDACTED]	Bachelor's	BS/BA	CHEM EN	AUBURN U	Y	01/01/1980
HUIE JR, HUBERT H	[REDACTED]	Some Coll.					

CG030763



Report ID: VacSel

MASS VACANCY SELECTION WORKSHEET

Page No. 4  
Run Date 06/26/96  
Run Time 15:09:41

LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 10702 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 2581 PROGRAM MGR

SAL ADM/GR: PG 08 DEPT ID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	LICENSE/CERTIFICATE	DATE ISSUED STATE
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NORWOOD, DONALD W	[REDACTED]	REAC OPER LICENSE A E C S R	01/01/1988
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CG0000764

## JOB HISTORY INFORMATION

POSITION: VPA: 10702 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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			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			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			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			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			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			RADIOCHEM LAB ANAL	SE 06	1987-07-20
HUIE JR, HUBERT H			RADIOCHEM LAB ANAL	SE 05	1987-03-16
HUIE JR, HUBERT H			SHIFT 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-BFH	SHIFT SUPERVISOR	M 05	1990-12-03

GG000765

CHEN (PWR)  
ANNOUN. NO. 10703

GG000767

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 PREFERRED. 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 9024 TO:

NUCLEAR HUMAN RESOURCES  
1000000 PLACE 3A-C (X-2344)  
PENDING FINAL HAY EVALUATION

GG000768

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Protection of Personal Information.

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PERSONAL INFORMATION

POSITION: VPA: 10703 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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]				Permanent	Full-Time	SPA	SPECIALIST	M 07
HARVEY III, SAM L	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 08
KEARNEY, JAMES P	[REDACTED]				Permanent	Full-Time	SPA	SUPERVISOR	M 08
CHANDRASEKARAN, E S	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 08
NORMAN, JAMES D	[REDACTED]				Permanent	Full-Time	SPA	COMPUTER SPEC	SC 03
FISER, GARY L	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 08

Services

GG000770

## EDUCATION INFORMATION

POSITION: VPA: 10703 NO.: 1 CLOSE DATE: 06/25/1996

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	CHEMISTRY	BOMBAY UNIV	Y	01/01/1964
CHANDRASEKARAN, E S	[REDACTED]	Doctorate	MS/MA	CHEMISTRY	BOMBAY UNIV	Y	01/01/1966
CHANDRASEKARAN, E S	[REDACTED]	Doctorate	PhD	CHEMISTRY	MI ST U	Y	01/01/1975
NORMAN, JAMES D	[REDACTED]	Master's	BS/BA	CHEMISTRY	TN TE U	Y	01/01/1972
NORMAN, JAMES D	[REDACTED]	Master's	MS/MA	CHEMISTRY	NC U OF	Y	01/01/1975
FISER, GARY L	[REDACTED]	Bachelor's	BS/BA	CHEMISTRY	OUACHITA UNIV	Y	01/01/1972

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ort ID: VacSel

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MASS VACANCY SELECTION WORKSHEET

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Run Date 06/26/96  
Run Time 13:32:12

LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 10703 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 2581 PROGRAM MGR , SAL ADM/GR: PG 08 DEPTID: C611202000, OPS SUPP RAD CHEM

NAME	SSN	LICENSE/CERTIFICATE	DATE ISSUED	STATE
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## JOB HISTORY INFORMATION

POSITION: VPA: 10703 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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			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			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			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			POSITION UNDER REV	M 08	1991-05-16
CHANDRASEKARAN, E S		OPS SUPP RAD CHEM	PROGRAM MGR	M 08	1991-06-25
NORMAN, JAMES D			RSCH CHEMIST	SC 03	1987-02-02
NORMAN, JAMES D		MTN&TST SVS MTLS MGT FLD SUP SVS	COMPUTER SPEC	SC 03	1995-01-23
FISER, GARY L			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

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port ID: VacSel

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MASS VACANCY SELECTION WORKSHEET

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Run Date 06/26/96  
Run Time 13:32:12

JOB HISTORY INFORMATION

POSITION: VPA: 10703 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 2581 PROGRAM MGR

SAL ADH/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

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

CG0000774

RAD CONTROL  
ANNOUN. NO. 10705

GG000775

VPA 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.

CG0000776

TO APPLY SEND FORM TVA 9824 TO:

NUCLEAR HUMAN RESOURCES  
LOOKOUT PLACE 3A-C (X-2344)  
PENDING FINAL HAY EVALUATION

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GG000777

## PERSONAL INFORMATION

POSITION: VPA: 10705 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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]				Permanent	Full-Time	SPA	PROGRAM MGR	M 08
KEARNEY, JAMES P	[REDACTED]				Permanent	Full-Time	SPA	SUPERVISOR	M 08
RIALES III, LENON J	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 08
NICOLL, REGIS M	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 08
LOBDELL, JOHN L	[REDACTED]				Permanent	Full-Time	SPA	SUPERVISOR	M 07

Services

GG000778

## EDUCATION INFORMATION

POSITION: VPA: 10705 NO.: 1 CLOSE DATE: 06/25/1996

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

GG000779

LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 10705 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 2581 PROGRAM MGR

SAL ADM/GR: PG 08

DEPTID: C611200000 OPS SUPP

RAD CHEM

NAME

SSN

LICENSE/CERTIFICATE

DATE ISSUED STATE

LOBDELL, JOHN L

HEALTH PHYSICS

01/01/1972

CG0000780



## JOB HISTORY INFORMATION

POSITION: VPA: 10705

NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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			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			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			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			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			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

CG000781

## JOB HISTORY INFORMATION

POSITION: VPA: 10705 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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. EFFDT ADM/GR
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\*\*\* END OF REPORT \*\*\*

GG000782

RAD CONTROL.  
ANNOUN. NO. 10706

GG0000783

VPA NUMBER: 0000010706  
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 TVA 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.

GG000784

TO APPLY SEND FORM TVA 9824 TO: NUCLEAR HUMAN RESOURCES  
LOOKOUT PLACE 3A-C (X-2344)  
PENDING FINAL HAY EVALUATION

Report ID: VacSel

HRIS  
HASS VACANCY SELECTION WORKSHEET

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Run Date 06/2  
Run Time 13:1

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Protection of Personal Information.

CG0000785

## PERSONAL INFORMATION

POSITION: VPA: 10706 NO.: 1 CLOSE DATE: 06/25/1996

NAME	JOB CODE: 2581	PROGRAM MGR	SSN	SEX	ETHNIC GROUP	DISABILITY	TENURE	FULL/PT/INTERMED	EMP RPTG	PRESENT POSITION	SAL ADM / GRADE
FLANIGAN, JAMES A			[REDACTED]	M	White	NoHandicap	Permanent	Full-Time	SPA	PROGRAM MGR	M 08
KEARNEY, JAMES P			[REDACTED]	M	White	NoHandicap	Permanent	Full-Time	SPA	SUPERVISOR	M 08
RIALES III, LENON J			[REDACTED]	M	White	NoHandicap	Permanent	Full-Time	SPA	PROGRAM MGR	M 08
NICOLL, REGIS M			[REDACTED]	M	White	NoHandicap	Permanent	Full-Time	SPA	PROGRAM MGR	M 08
LOBDELL, JOHN L			[REDACTED]	M	White	Hearing	Permanent	Full-Time	SPA	SUPERVISOR	M 07

*David J. Succarino (Late applicant)**SC-4*

GG000786

## EDUCATION INFORMATION

POSITION: VPA: 10706 NO.: 1 CLOSE DATE: 06/25/1996

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

GG000787

LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 10706 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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

GG000788



## JOB HISTORY INFORMATION

POSITION: VPA: 10706 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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]	OPS SUPP RAD CHEM	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			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]	OPS SUPP RAD CHEM	PROJECT MANAGER	M 06	1987-09-28
RIALES III, LENON J			PROJECT MANAGER	M 06	1989-03-20
RIALES III, LENON J			PROGRAM MGR	M 08	1990-10-08
NICOLL, REGIS M	[REDACTED]	OPS SUPP RAD CHEM	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			PROGRAM MGR	M 08	1994-10-17
LOBDELL, JOHN L	[REDACTED]	OPS SUPP RAD CHEM	SUP, SECTION	M 05	1985-03-25
LOBDELL, JOHN L			SUPERVISOR	M 05	1989-01-02
LOBDELL, JOHN L			SUPERVISOR	M 07	1989-03-20

GG000789

Report ID: VacSel

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MASS VACANCY SELECTION WORKSHEET

Page No. 6  
Run Date 06/26  
Run Time 13:10

JOB HISTORY INFORMATION

POSITION: VPA: 10706 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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
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\*\*\* END OF REPORT \*\*\*

GG000750

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
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_____	_____	_____

TOTAL POINTS: \_\_\_\_\_

GG000791

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
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_____	_____	_____

TOTAL POINTS: \_\_\_\_\_

GG000792

Date: July 18, 1996

POSITION: \_\_\_\_\_

NAME: \_\_\_\_\_

REVIEW BOARD MEMBER: \_\_\_\_\_

QUESTION NUMBER	RESPONSE RATING (1-10)	COMMENTS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
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TOTAL POINTS: \_\_\_\_\_

GG000793

RW/EP  
ANNOUN NO. 10707

GG000794

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.

TO APPLY SEND FORM TVA 9824 TO: NUCLEAR HUMAN RESOURCES  
LOOKOUT PLACE 3A-C (X-2344)  
PENDING FINAL HAY EVALUATION

GG000795

----- NOTICE -----

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Refer to Principles and Practices Manual, Communications Practice, Access to and  
Protection of Personal Information.

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## PERSONAL INFORMATION

POSITION: VPA: 10707 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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]				Permanent	Full-Time	SPA	SPECIALIST	M 07
TRAYNOR, JOHN C	[REDACTED]				Permanent	Full-Time	SPA	PROJECT MANAGER	M 08
RIALES III, LENON J	[REDACTED]				Permanent	Full-Time	SPA	PROGRAM MGR	M 08
NORWOOD, DONALD W	[REDACTED]				Permanent	Full-Time	SPA	PROJECT ENGR	M 09

GG000797

## EDUCATION INFORMATION

POSITION: VPA: 10707 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 2581 PROGRAM MGR SAL ADM/GR: PG 08 DEPT ID: 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
HORWOOD, DONALD W	[REDACTED]	Bachelor's	BS/BA	CHEM EN	AUBURN U	Y	01/01/1980

CG000798

Report ID: V

MASS VACANCY .ION WORKSHEET

Page No. 4  
Run Date 06/26/91  
Run Time 13:15:43

LICENSE/CERTIFICATE INFORMATION

POSITION: VPA: 10707 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 2581 PROGRAM MGR

SAL ADM/GR: PG 08 DEPTID: C611202000 OPS SUPP RAD CHEM

NAME	SSN	LICENSE/CERTIFICATE	DATE ISSUED STATE
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NORWOOD, DONALD W	[REDACTED]	REAC OPER LICENSE A E C S R	01/01/1988
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GG000799

## JOB HISTORY INFORMATION

POSITION: VPA: 10707 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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	EFFDT
NIDA, DIEDRE B			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			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			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			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			HCLR 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

GG000800

JOB HISTORY INFORMATION

POSITION: VPA: 10707 NO.: 1 CLOSE DATE: 06/25/1996

JOB CODE: 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
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\*\*\* END OF REPORT \*\*\*

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