

# Sandia/California Weekly Bulletin



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April 11, 1994

## Weekly Bulletin

The *Weekly Bulletin* for SNL/California is prepared by the Public Information Office, Department 8522, and is distributed to all employees. General items for the *Bulletin* must be approved by the concerned director and should be directed through Carole Price (8535), MS 9021, 4-2929 or fax 4-2196. Job postings must be approved by the appropriate-level managers, an authorized derivative classifier and OPSEC. Deadline for submitting final copy to Department 8522 is noon on Tuesday for announcements at the California site, and noon on the preceding Friday for inclusion in the *SNL/New Mexico Bulletin*.

(JAC:7162/PNS:8500)

## Use Employee Expense Vouchers for Trips to NTS

Employee Expense Vouchers should be used to voucher travel expenses for travel to the Nevada Test Site (NTS) beginning on or after April. Reimbursement vouchers will no longer be accepted to voucher travel expenses to NTS.

This change is required so Sandia can compare travel expenditures to per diem allowances on a daily basis, as required by the Prime Contract between Sandia Corporation and DOE. The Employee Expense Voucher has been redesigned to facilitate this comparison.

(RWT:10604)

## FY95 Spend Plan Process Overview

The Resource Allocation Team would like to invite you to an overview of the FY95 Spend Plan Process. This is the first in a series of communications to keep you informed about the Spend Plan Process. All program managers, case managers, and administrative staff members are urged to attend the Sandia/California session which will be held Friday, April 15, 8:30 a.m. to 10:30 a.m., Building 904 Auditorium. Because of the amount of information to be presented, we ask that you jot down your questions during the overview and hold them until the question-and-answer section at the end.

(VB:6600)

## Elder Care Resource and Referral Program

Many grown children are concerned about their aging parents' health, living arrangements, how they manage their daily lives, and about how little time they have to help their parents.

Sandia Elder Care Resource and Referral is a program available to Sandia employees and spouses who have elderly relatives or disabled dependents. A referral specialist can help you find the resources you may need to help your elderly relatives remain safely at home.

Besides information about in-home care, Elder Care Resource and Referral offers information about options for medical services, nursing homes, hospice programs, senior citizen centers, transportation, nutrition, caregiver issues, mental health, and more. The Sandia/NM referral specialist is located on-site in MO-151 (east of Bldg. 832) on Thursdays, 12:30-4:30 p.m., phone number 9-4-1492. Sandia/CA employees receive elder care resource and referral services through the Employee Assistance Program in Livermore on 4-2200.

(BJJ:3543/PNS:8500)

## DOE Guidelines for STTR Proposals

Small Business Technology Transfer Office 4221 has just received new DOE guidelines for the Small Business Technology Transfer (STTR) Program. We have been notified that a signed Cooperative Research and Development Agreement (CRADA) and cover letter must be on file with the industry partner before each STTR proposal is submitted to the funding agency. Dept. 4221 will help prepare CRADA paperwork and the cover letter, but the following information will be needed: company name, company official's name and title, company phone number, amount of money Sandia will receive as a participant, and the Sandia contact's name, phone number, fax number, and mail stop number. Please help us identify STTR proposals that have been written or are currently being prepared. You can refer this information directly to Barbara Jordan (4221) on 505-271-7836 or Kim Ford (4221) on 505-271-7849, or fax the information to 505-271-7867. At Sandia/California call Subra (8800) on 4-2311. Dept. 4221 will provide the Lab contacts with the CRADA and cover letter, which then needs to be forwarded to the small business.

(BJ:4221/TMD:8800)

## Advanced Technology Program

The Department of Commerce's Advanced Technology Program (ATP) provides support on a cost-sharing basis to industrial R&D projects with significant potential for stimulating economic growth and improving the competitiveness of US industry. The ATP is highly visible and growing rapidly.

ATP projects are selected by the National Institute of Standards and Technology, and funds are dispersed to for-profit companies or industry-led joint ventures, which may partner or subcontract with a federal laboratory.

Although the ATP is industry-led, there is a strong emphasis on high-risk, large-payoff, and technology-driven projects for which federal laboratory participation may be appropriate.

Applicants may submit abbreviated proposals for the next General Competition 94-01 by April 20 for initial screening or full proposals by June 22.

Focused calls in specific technology areas are also expected to be announced in April.

Technology Transfer and Commercialization Center 4200 will host a meeting April 14, at the Center Office, to provide information from the recently released ATP Proposal Preparation Kit and to discuss associated financial and intellectual property issues.

If you anticipate participation in one of these proposal calls, please contact Lynn Sanchez (4200) on 505-271-7823.

(KB:4200)

## Laser Safety Training Changes

The following changes to laser safety training become effective April 1.

LAS100, LAS109, and LAS200A become LAS110, "Safe Use of Class II and IIIa Lasers." This course consists of a 20-minute videotape and a one to three hour (depending on the knowledge and experience level of the student) interactive video. LAS200B, "Laser Safety Training," remains the same one-day classroom course it is now. It covers Class IIIb and IV laser users. The new ES&H Training Catalog scheduled to be distributed in April will list more complete descriptions of these two courses.

Managers (or their delegates) should input their employees' laser safety training needs into the ES&H Training Information System (TIDBITS) using only course numbers LAS110 and LAS200B. For more information about these courses, call Susan Battles (8526) on 4-2393 or Bette Davis, Laser Safety Officer (8641) on 4-3312

(BMH:3524/LAW:8600)

## Attention Deficit/Hyperactivity Disorder (ADHD) Support Group

Does your child have ADHD (formerly call ADD)? Is she easily distracted, disorganized or frustrated? Does he interrupt, fail to complete projects, have trouble waiting his turn or have peer-related problems? Does she feel picked on or have trouble following a short set of seemingly simple instructions? Does he know how to spell certain words today but not two days later? Are they know as air heads, trouble-makers or lazy? These and other symptoms may indicate your child has ADHD. If your child has been diagnosed, or you wish to explore the subject join the group Thursday, April 14, 12 noon in Bldg. 905/210. Visitors are welcome. Call Deana Butler on 4-3013 or David Rosenzweig on 4-3341 to make escort arrangements.

This group meets the second Thursday of every month and is now recognized as an official group under the TLC program. Dr. Sandie Frawley was an excellent guest speaker at the March meeting. The support group is planning to have Dr. Frawley return in May or June for a presentation on adolescents with ADHD.

(PNS:8500)

## Computer Security Desk Reference — Correction

By now, all Sandia employees should have received the new 1994 Computer Security Desk Reference, which is the primary reference document for computer security information, and should answer a large percentage of your questions about that subject.

All previous issues of the Desk Reference must be disposed of in UCAI containers. If you are located off-site, all Desk References must be returned to Sandia/California. They must not be recycled because they are Official Use Only documents. Additional copies may be requested from Sandia Line on 9-5-6789; press 9 to access Quick Dial, then press 1608 followed by the # key. A copy will be mailed to you.

(CDB:1932/PWD:1951)

## ACCORD Pro/Engineer Courses

The next Sandia on-site "Pro/Engineer Basic and Design" course is scheduled for the week of April 25. Also, "Pro/E Advanced Part and Assembly" and "Pro/E Drawing" classes are being planned for this summer. These courses will be taught at Sandia/NM. Please call Chris Montoya (2884) on 9-4-0477 to sign up for any of these classes or for additional information.

(CAM:2884/PNS:8500)

## Design for Product Realization Courses

The following Design for Product Realization courses support concurrent engineering and Labs-wide agile initiatives. They provide students with quality tools and techniques that will aid them as they work in an integrated concurrent engineering environment. These courses are conducted at Sandia/NM.

DPR706 — "Interpretation of Manufacturing and Test Data for Design Engineers" — June 6-7. Course teaches statistical techniques that will enable engineers to extract information and draw conclusions from manufacturing and test data. Emphasis will be on engineering applications rather than statistics. Upon completion, students should be able to verify that changes to design will actually change performance, develop empirical models of process and product devices, and extract process information from common manufacturing data. Cost is \$260.

DPR702 — "Design for Variability for Mechanical Engineers" — June 20-21. This is a graduate-level course in tolerance analysis for mechanical engineers and drafters (students should be familiar with partial derivatives). Participants will learn tools and techniques that will enable them to understand what tolerance analysis is and its relationship to the assembly model, the worst-limit and simple statistical tolerance analysis models, the required input for advanced statistical tolerance methods, and how real tolerances of profiles and true position can be applied. Cost is \$220.

Registration form SA4555-RF is available for the above courses from Sandia Line on 9-5-6789, option 4. (MFL:3522/PNS:8500)

## Secretarial Council Update

The 1994 Secretarial Council held a regular meeting on March 7. The following are some of the topics discussed: Earth Day poster, American Management Association link for Secretary's Day, Bldg. 912 self-service stores and feedback issues.

For further details, please access the Secretarial InfoNet bulletin board on cc:Mail or contact Wendy Dolstra, Chairperson, on 4-1244.

(PNS:8500)



## Jobs Wanted

Managers interested in any of the following individuals should call Bev Kelley on 4-2251 or Jim Argyle on 4-2241.

### 94JW-2 TA/ASA

Job Objective - Seeking a position where I can apply my experience and interest in one or more of the following areas: safety field of electronics, computer applications, and/or photography.

Skills/Experience - Past experience in the use of calibration equipment, and in the modeling and design of plastic molds which required skill in the appropriate mixing of chemicals. Background in the setup, operation, and maintenance of audio/visual equipment which includes management of charge-backs and equipment recalls for my area of functional responsibility.

### Special Assignment

The following position is a special assignment open to any qualified employee. It will not result in a change of classification, or level. This assignment will require the employee to perform a one-year assignment (or less) in Washington, D.C. For information or to self-nominate, contact Jack Jones (2800) at 9-4-4583 before noon, Monday, April 18, 1994.

### 94A0505/MTS - NM

DOE Representative to the National Initiative for Product Data Exchange for J. F. Jones, Jr., 2800

The National Initiative for Product Data Exchange (NIPDE) is an industry-led, government-facilitated effort to coordinate and accelerate U.S. product data exchange (PDE) development and deployment activities. The initiative is hosted by the Department of Commerce (DOC) at the National Institute of Standards and Technology (NIST) facilities in Gaithersburg, Maryland. The staff of the initiative are primarily drawn from U.S. private industry. Government agencies, such as the Department of Defense, the Department of Energy, and NASA, also provide resources and staff.

An opportunity exists for an individual to contribute to the development and deployment of national and international product data exchange standards that enable improving the product development processes of U.S. Industry and government with NIPDE participants that include standards-making bodies, manufacturing consortia,

government agencies, and private industry. Extensive program management and program development experience are required. Writing skills commensurate with producing and maintaining the primary NIPDE deliverables (Baseline, Road Map, Action Plan, and Master Plan) are also required. Experience in developing or using national or international product data exchange standards or experience in the product development life cycle is also requested. A working knowledge of PC software, including word processors, project management tools, spreadsheets, and databases, is also required.

## Job Opportunities

### SELF NOMINATING PROCEDURES:

Regular on-roll employees may nominate themselves for openings or withdraw their bid on a vacancy by calling the Internal Job Vacancy Line on 9-5-7958 between 5 a.m. and 5 p.m. (PST) and giving the following information: social security number, birth month and day, and the vacancy number of the job. Please record the bid number provided when the bid is accepted. This number will be required to withdraw the bid. **ALL NOMINATIONS MUST BE IN BEFORE NOON ON THE SPECIFIED DEADLINE DATE.** Employees on travel, vacation, sick leave, etc., during the entire posting week may bid by asking someone else to call in their bid (by proxy) or by calling their Personnel Representative immediately upon their return. No other action is necessary unless required by the given listing. To be considered, candidates must meet all requirements specified in the listing. Candidates will be selected on the basis of merit without regard to race, color, religion, gender, sexual orientation, national origin, age, or personal disability (need for reasonable accommodations should be directed to your personnel representative, Department 8522).

**All nominations for these job opportunities must be in before 12 noon, April 18, 1994.**

#### Note:

Employees may be eligible for positions outside of their classification. Furthermore, the eligibility requirement policies can change. Therefore, employees must be sure to review all eligibility requirements as well as all available positions to determine their job opportunities.

## Management Vacancies

Managers may nominate themselves, or be nominated by their director (see procedures below), for consideration for any manager vacancy within their job classification (MLS/MTS), regardless of pay grade, by following the above Self-Nominating Procedures. Program/project managers (equivalent to manager positions) may nominate themselves for lateral movement to functional managers and vice versa. Individuals who, prior to restructuring (effective April 1, 1992), were division supervisors and are now team supervisors or team leaders, may also nominate themselves for all manager positions within their job classification. Qualified MTS and MLS personnel may only nominate themselves for team supervisor positions. *All other candidates must be nominated by a department, program, or project manager for MTS and MLS management positions.* Department, program and project managers may nominate qualified candidates for manager and team supervisor openings on a promotional basis by:

- Calling 9-5-7958 and giving the following information: vacancy number and the candidate's name, social security number, and organization;
- Immediately sending a promotional nomination memo containing the vacancy number, posting date, and candidate's name, classification, social security number, and organization to 8522/MS 9111 (3533/MS 1023).

**All nominations must be in before noon on the above specified deadline date.**

### 94A0499/MTS - NM

#### Manager for D. S. Miyoshi, 5800

The Project Engineering Department is responsible for a variety of reimbursable programs. This work involves the utilization of technology to improve physical security at the sponsors facilities. Although current projects are primarily reimbursable, it is likely that future efforts will include Defense Programs work. The organization has expertise in security system design and installation as well as the evaluation of system components. Some of the projects require the development of software in order to integrate commercially available hardware into properly performing systems.

The successful candidate must have professional experience in the management of large projects which involve design and installation of systems and a strong systems engineering background. Active participation in the technical management of projects is required. Sound technical judgment; organizational, communication and resource management skills; and willingness to develop and execute projects in a team environment will be

essential. Effective oral and written communication with internal and external customers is imperative. Since many of the projects are being done for the Department of Defense, a knowledge of the effective application of Military Standards and Specifications would be helpful. Experience in the conduct of business with foreign nationals is desirable.

Moderate travel, both domestic and overseas, will be necessary.

#### **94A0492/MTS - NM**

**Manager, Corporate Explosives Program for J. E. Stiegler, 7732**

This new position will provide focus and leadership for all corporate initiatives related to explosives. Extensive and intensive interaction with upper management, DOE and DOD is required.

This Program Manager will develop and guide the program; monitor the acquisition, inventory, storage, and disposal of explosives by maintaining the on-line corporate data base (under development); provide technical oversight and negotiate instructional support for corporate explosives safety training programs; serve as Secretary of the Sandia Explosive Safety Committee, with control of agenda, membership, and schedule; develop a corporate program to evaluate and improve explosives operations; assist ES&H Assessments Departments with appraisal of SNL's explosive operations; focus corporate initiatives in standardized conduct of operations, improved efficiencies, and external cooperative programs; and represent the corporate explosives community in budgetary, policy, and procedural matters.

Effective teaming with the line organizations is necessary to create vision and to negotiate mutually beneficial solutions to emerging explosives safety issues. A background as a manager of explosives operations or activities, an in-depth technical understanding of explosives, and knowledge of DOE and SNL ES&H initiatives and policy are preferable.

Candidates should have a background with a variety of SNL, DOE, DOD, and commercial organizations due to the intense interactional role required. Teamwork and organizational, management, communication, and interpersonal skills are essential to persuade, motivate, and promote ideas at all levels. Existing managers are encouraged to bid. Should they be selected, they will remain a manager and be classified as an individual contributor.

#### **94A0496/MLS - NM**

**Manager, Procurement Center Business Office (Level 7) for C. C. Schneeberger, 10202**

The Procurement Center 10200 is responsible for acquiring goods and services supporting the Laboratories' diverse missions. Our vision is that of a trusted and value-added member of the corporate and DOE team, a source of competitive advantage through preeminent acquisition services.

The Business Office Manager is responsible for the full spectrum of business functions including oversight and management of the Center budget, cost and price analysis function, service center operations, product costing, personnel, space, and property. The Manager provides vision, leadership, and business counsel within the Procurement organization and to customers as appropriate. This individual will supervise approximately five employees and contractor personnel. The successful candidate must be a self-starter, with demonstrated ability to lead teams and apply problem-solving skills to obtain solutions.

The successful candidate must have extensive knowledge of Sandia's administrative systems. Specific experience with the Service Center Information System is desirable. Demonstrated expertise in budget formulation, monitoring database development, and management reporting is mandatory. Strong verbal and written communication skills are required, as are computer skills, including word processing, spreadsheet, and mainframe download applications.

### **MTS and MLS Vacancies**

Employees classified as MTS and MLS may only nominate themselves for consideration within their classification. Those classified as MTS or MLS may be considered for movement between these classifications with a nomination letter from their director (education, experience, skills and other factors relevant to the vacancy are appropriate consideration in such cases). Movement between MTS and MLS classifications requires approval by Personnel. Advancement of MLS from Level 2 to Level 3, or Level 3 to Level 4 requires at least two years Sandia service at the prior level. Advancement to Level 5 requires at least two years at Level 4, (however, when the position is part of a multi-level job family and the candidate does not meet the eligibility requirements for movement to Level 5, they may be selected at Level 4). Candidates must have a PE (not valid for movement to Level 5), FM, or CE for the last performance review, and at least one year Sandia service on the date of the job announcement to be eligible for consideration.

Employees classified as TA or STA may nominate themselves for consideration for relevant MTS position(s) described below, provided that they have: (1) a Bachelor's or Master's degree in Engineering (this does not include BS in Technology [BST, BET, BEET, MET, EEET, etc.]), Computer Science, or an appropriate field as defined in the posting; and (2) three years of Sandia experience as a TA or STA that demonstrates the ability to perform at the MTS level.

Employees may nominate themselves for an MLS Level 2 (MIS Level 3) position provided they have: (1) a relevant Bachelor's degree as defined below or in the posting; or (2) have been classified as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, Nurse or any combination of these for at least 5 years. In addition, the employee must have a PE, FM, FC, or Good or better performance indicator in their current classification. Employees may nominate themselves for an MLS Level 3 (MIS Level 4) position provided they have: (1) a relevant Master's degree as defined below or in the posting; or (2) a relevant Bachelor's degree as defined below or in the posting and have been classified as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, Nurse or any combination of these for at least 5 years. In addition, the employee must have a PE, FM, FC, or Good or better performance indicator in their current classification.

Relevant degrees for MLS positions include: Business Administration, Public Administration, Human Resources, Personnel Administration, Management, Finance, Accounting, Marketing, Management Information Systems, Labor Relations, Education or the equivalent of any of these.

All candidates must have at least one year Sandia service on the date of the job announcement to be eligible for consideration.

#### **94L0048/MLS - CA**

**Public Affairs Program Manager (Level 6) for P. N. Smith, 8500**

The Public Affairs Program Manager serves as the official spokesperson for Sandia/CA, interacting with the news media, providing story ideas and material for the *Sandia Lab News*, and serving as the community interface for Laboratory management. This person must perform at an advanced level in strategic media planning and public relations counsel for Sandia. The person must oversee the day-to-day operations of the Public Affairs and Employee Communications Office, which includes the production of the site's *Weekly Bulletin* and California newsletter.

The person must be knowledgeable about all facets of the California site's mission, programs and

operations and be able to represent the Laboratories instantly and responsibly.

The successful candidate must have advanced skills in employee communications techniques, public relations, science/news writing, editing, marketing, and have extensive mass media experience. Leadership skills are also necessary to guide the office staff in strategic and day-to-day goals.

The person must be able to adhere to strict deadlines, work independently, be on call 24-hours a-day to represent the Laboratories, and work effectively with all levels of employees.

Additionally, the candidate must have a degree in mass communications, journalism, or public relations.

Qualified bidders will be competing against an individual currently in a related position.

#### **94A0504/MTS - NM**

**Communications Engineer for I. C. Alexander, 1955**

The Networking and Communications Customer Interface Department 1955 provides project planning and implementation in support of Sandia's communications infrastructure. This activity includes the conceptual design and operational planning for voice, data, and video communications including Local Area Networks (LANs) and Wide Area Networks (WANs).

The successful candidate will be responsible for planning and management of communications development customer requirements, designing communications solutions to satisfy customer needs, and coordination of activities with Sandia/CA. Coordination with a number of providers of various services both within and outside of Sandia will also be required. The output of this activity will be systems that integrate well with Sandia's overall communications operations. The individual will have opportunities to work with advanced data, voice, and video communication systems.

Candidates for this position should have an advanced degree in electrical engineering or experience in designing and implementing telecommunications systems. Experience in several of the following areas is highly desirable: project planning, synchronous data communication, data communication multiplexers, video communication, local area networking including use of routers and LAN bridges, data encryption, tempest requirements, secure communication systems, development and maintenance of security plans, and working with telecommunication service providers such as AT&T, Sprint, U.S. West, etc. Travel for continuing education and project coordination should be expected.

**94A0506/MTS - NM**  
**Electronics/Computer Engineer for**  
**B. D. Shafer, 2335**

Special Processors Department 2335 develops high-speed Digital Signal Processing (DSP) electronics. The DSP applications include Target Recognition Systems, a high speed digital signal processor system for real time linear control, and image handling electronics for satellites. We provide the customer with the DSP hardware as well as customer friendly control software for the hardware. Our customers are primarily in the WFO sector. We use state-of-the-art CAE tools running on Sun workstations for hardware and software development. These tools are interfaced with a VME based test system for evaluating our hardware and real-time software.

We need an engineer to manage and develop our CAE environment for designing DSP electronics. The person should have excellent computer and interpersonal skills. She/he should be inclined to survey the market for the best solutions to our design problems and "purchase" solutions and integrate them into our design environment. The person should be a designer so that they will know what tools we need and how the tools are used. Some design work will be done; however, it will be mostly to keep current as to how the tools are presently working. Good interpersonal skills are required to interact with the rest of the staff to understand their CAE problems and to work with the CAE tool providers to help them to develop solutions to our problems. Candidates should have an MSEE/Computer Engineering degree or equivalent and experience in several of the following areas: digital circuit design, CAE tools, Sun/Unix environment, C software, VHDL, and customer interactions. The successful candidate must have demonstrated expertise in several of the above areas and a willingness to learn other areas.

**94A0497/MTS - NM**  
**Materials Scientist for J. L. Ledman, 2472**

The Organic Materials Department is responsible for supporting the needs of the Laboratories in the area of encapsulation. As DOE complex reconfiguration proceeds and non-nuclear component manufacture moves from the integrated contractors to private industry, Sandia's need to provide engineering support for the utilization of our specialized encapsulant systems will increase.

An opening exists for a materials scientist to be responsible for addressing encapsulation needs within Sandia. This individual will be responsible for supporting ongoing encapsulation activities for existing components, as well as developing programs to support future needs as ES&H concerns

mandate development and qualification of new encapsulant systems. The candidate will be responsible for teaming across Sandia and the evolving DOE nuclear weapons complex. Familiarity with existing materials used in encapsulation programs is highly desirable.

The successful candidate must possess an advanced degree in materials science or a related field. The successful candidate should have experience and understanding of the interaction between environmental, quality, and concurrent engineering issues and how they will apply to the manufacturing environment. The candidate should have demonstrated excellent written and oral skills; have a good understanding of the nuclear weapons complex and the production agencies; have demonstrated a working knowledge of project management, ES&H, and quality principles; and have experience working with a diverse team. Some travel will be required.

**94A0495/MTS - NM**  
**Project Leader for R. M. Cranwell, 6613**

The Manufacturing Systems Reliability Department 6613 has an immediate opening for an experienced project leader to participate in several of the departments projects, including a major program working with several of the NIST Manufacturing Technology Centers (MTCs). This program involves a cooperative effort to develop methodologies and tools to assist manufacturing extension agents in working with small manufacturers, and to facilitate interactions between national laboratories and these field agents. This program will play a key role in defining how Sandia can successfully interact with NIST and its MTCs in the future. Department 6613 also has several programs with industry in the areas of product and manufacturing process reliability and risk assessment and improvement.

The successful candidate will be an experienced project leader, with superior program planning and control skills and the ability to successfully interact with several non-Sandia entities with agendas different from ours (including DOE, EPA, other labs, and NIST). The job entails leading the effort to develop a concept for successful interactions between the national labs and the NIST extension agents, along with supervising day-to-day project activities in the areas of assessment tool development, database development and miscellaneous activities supporting our MTC partners. Good writing, presentation and interpersonal skills are also needed for this position. Knowledge of manufacturing processes and experience with small business is desirable.

**94A0491/MTS - NM**

**GIS/Database R&D Analyst for R. H. Yoshimura, 6641 (Acting)**

The Transportation Systems Analysis Department 6641 develops and maintains computationally based tools such as databases and analytical methods used for hazardous materials transportation risk analyses and transportation systems modeling. The group is developing increased competency in Geographic Information Systems technology to enhance the current tools.

The successful candidate will lead our efforts to advance the state of the art in GIS technology and its applications to commercial and government transportation problems. This individual will be expected to identify technological trends and apply them to R&D projects. The success of these R&D efforts will be measured by the number and scope of technology transfer agreements. Other goals of the group are to influence the rate at which new technology is accepted into the transportation community through patents and establishment of industry standards for GIS technology.

Candidates should have a master's degree with experience in R&D projects and software development resulting in product-quality code. Knowledge of relational database technology, object-oriented programming, and computer operating systems is required. Experience with strategic (gap) analysis and technology transfer is highly desirable. The successful candidate must be strongly team-oriented, provide leadership, demonstrate effective oral and written communication skills and have excellent customer focus. Demonstrated ability in TQM is highly desirable.

**94A0503/MTS - NM**

**Electrical Engineer for J. O. Vigil, 7819**

The Infrastructure Assessment Department performs Condition Assessment Survey (CAS) inspections of laboratories, offices, shops, structures, utilities, and facilities in support of DOE Order 4320.2A. The CAS information will be maintained in an automated database and utilized to prepare the annual Capital Asset Management Process (CAMP) Report.

The work performed by the electrical engineer is primarily to provide inspections of: lighting; interior power; fire, intrusion, communication and evacuation alarms; substations; exterior transmission distribution; and motor controls on existing buildings to verify the facilities conditions at Sandia/New Mexico, Sandia/California, Tonopah Test Range, and Kauai Test Facility. Other responsibilities include Team Leader for electrical inspectors.

The candidate for this position should have strong analytical capabilities and excellent communication and interpersonal skills to interact well with other teams, architect-engineers, all levels of SNL management, DOE, Air Force, and Navy officials. The candidate should be knowledgeable in standards, codes, and regulations associated with facilities design. It is desirable that the candidate have five years experience in the design of building electrical systems and exterior power distribution, or an MSEE. The candidate must be DOE "L" or "Q" cleared and willing to travel.

**94A0500/MTS - NM**

**Software Engineer for S. L. K. Rountree, 9617**

Command, Control, Display, Systems Department 9617 is developing a Map Display System for the DOE's Emergency Operations Center (EOC). This system allows operators to access a variety of information, including detailed US and world maps, population data, and scanned imagery. This system is used within the EOC and will be networked to other DOE sites.

An opening exists for a software engineer to join the development team. The successful candidate must have a working knowledge of C and UNIX and want to develop systems using modern software development practices. Experience with Geographic Information Systems (e.g., ARC/INFO), databases (e.g., Sybase), and local and wide area networks is highly desirable. A degree in computer science or equivalent experience is required.

Applicants must be able to work in a team environment and must have demonstrated expertise in software design and development employing modern software development methodologies. Applicants should have good oral and written skills. The project team will participate in the interview and selection process.

### **Advancement Opportunity**

The following position is open to any employee with suitable qualifications and interests, including those wishing to move laterally within the given classification, except that trainees may not move laterally until after completion of training. Candidates must have at least six months of Sandia service on the date of the job announcement to be eligible for consideration. Where there are more than 10 candidates, interviews may be restricted to those 10 or so who seem to be best qualified according to personnel records.

**94L0047/ASA-C - CA**  
**Communications Administrator for**  
**P. W. Dean, 1951**

The Networking and Communication Department has an opening for a Communications Administrator. The Communications Administrator is the single point of contact for all the administrative elements associated with both internal and external communication services at Sandia/California. Of these services, the telephone system and telephone-related services constitute the primary administrative responsibility for this position. The administrator plays a major role in the planning and coordination of additions or modifications to existing telephone services. The selected candidate will be responsible for the coordination of all voice and data communications requests, ordering communications equipment and supplies, maintaining communications hardware inventory, and processing and coordinating equipment/system repairs. The administrator is also responsible for the Audix Voice Mail System; training employees on Audix and ISDN telephone/data functionality; entering feature changes for the 5ESS telephone switch; and processing requests for and maintaining accountability of commercial carrier services, calling cards, cellular phones, and pagers. These duties include reviewing and auditing communications invoices for payment of services rendered and maintaining associated files and records. Lastly, the administrator is responsible for maintaining various databases to support these activities.

The successful candidate shall be a self-motivated individual who possesses excellent verbal, written, and interpersonal skills. The candidate's resourcefulness in exploring and adapting to changing technologies will also be considered. The candidate must be an individual with demonstrated ability to schedule and prioritize various work assignments; maintain accurate records; and work with minimum supervision. Basic knowledge or experience in telephone/data administration or operations would be desirable for this position.

**94L0049/ASA-A - CA**  
**Administrative Support for P. N. Smith,**  
**8522 (Acting)**

The Personnel and Employee Resources Department has been restructured towards a self-directed team philosophy where each member is co-responsible and co-accountable for the success of the Group. Department 8522 manages a wide range of human resource programs and services for the California site. An opening exists for an

Administrative Support team member for the Staffing and Recruiting Team.

The candidate selected will provide support specifically for Livermore's Special Programs and generally for a variety of other personnel-related functions. Special Programs target the pre-college, college graduate, post-graduate, and faculty levels for temporary employment.

This candidate will perform a variety of administrative duties to assist the Special Programs Coordinator with the many details involved in employing personnel from universities throughout the United States. These duties include preparing recruiting packages; receiving resumes and applications and inputting data; preparing hiring packages; coordinating appropriate travel and medical activities; and serving as the prime contact for candidates and line management in resolving problems that may arise. Other personnel-related duties will include preparing new-hire papers and assisting new hires in completing various forms; preparing and processing paperwork on all terminating employees; and serving as a resource on Department policies, practices, and procedures. This position will also support other personnel within the Department. Occasionally, the successful candidate will be required to assist with career fairs, which includes travel, setting up Sandia displays, and interacting with faculty and students.

The successful candidate must meet the following requirements: accuracy and attention to detail; ability to interact effectively with others on an individual basis and in a team environment; reliability and follow-through on assignments; ability to prioritize and organize multiple tasks; verbal and written communication skills; commitment to cultural diversity and Sandia's corporate values; and experience with IBM and Macintosh personal computers.

Desired: ability to exercise initiative to identify problems and implement practical solutions.

A participatory interview process will be used to select the successful candidate.

**Daily News Digest of**  
**Sandia Activities**

**Dial 4-3333**



## Disposition of Past Openings

### Management:

- 93A0987-01 MTS Manager for P. J. Eicker, 1600, filled by Pablo Garcia, 2171
- 94A0295-01 MTS Manager for J. B. Woodard, 6600, filled by Christopher E. Olson, 12100
- 94A0328-01 MTS Manager for T. O. Hunter, 6900, filled by Jessica Glicker, 6904
- 94A0329-01 MTS Manager for T. O. Hunter, 6900, filled by Kenneth E. Washington, 6429

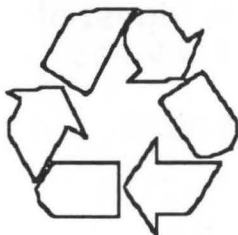
### Staff:

- 94L0042 TA/STA for S. C. Gray, 8632, filled by Noel Baggett, 5371
- 94A0336-01 MTS Systems Analyst for R. W. Harrigan, 2102, filled by Kent E. De Jong, 9617
- 94A0374-01 MTS Software Application Engineer for F. W. Hewlett, 2273, filled by Victor R. Yarberr, 1425
- 94A0379-01 Member of Lab Staff for A. H. Sanchez, 10222, filled by Albert J. Lucero, 10222

## Vacancies Withdrawn

### Staff:

- 93A1013-01 MTS System Safety Analyst for P. E. D'Antonio, 324
- 93A1013-02 MTS System Safety Analyst for P. E. D'Antonio, 324
- 93A1014-01 MTS Project Manager for P. E. D'Antonio, 324
- 94A0016-01 MTS Nuclear Safety Engineer for F. F. Dean, 5153
- 94A0269-01 Member of Lab Staff for S. J. Barnes, 3522



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# Sandia/California Weekly Bulletin



Vol. 19, No. 21-L • Issued by Public Affairs & Employee Communications Dept. 8502 • May 31, 1994

## Lessons from Challenger — talk by Space Shuttle astronaut Mike Mullane

All employees are invited to hear Space Shuttle astronaut Mike Mullane share "Lessons from Challenger." He is the guest speaker for the Managers' Off-Site Meeting and will speak to all interested employees while he is here. His talk is scheduled for Wednesday, June 1, 9 to 10:30 a.m., in the Building 904 Auditorium.

Colonel Mullane flew three space missions aboard the Shuttles Discovery and Atlantis. Prior to that he was a Weapons Systems Operator aboard RF-4 Phantom aircraft completing 150 combat missions in Vietnam. He is a graduate of West Point, holds an M.S. in Aeronautical Engineering, and is also a graduate of the Air Force Flight Test Engineer School at Edwards Air Force Base, California. Since his retirement from NASA, Colonel Mullane has written and published a novel and is a professional speaker traveling extensively around the country sharing his exciting and sometimes hilarious descriptions of the astronaut experience. (CTY:8007)

## Unsealed radioactive source requirements

Accountable unsealed radioactive sources are defined as: radioactive material with activity above the values listed in Table 1 of DOE N5400.9 that emits ionizing radiation that is put to some purpose and that is not encapsulated.

Exempt from this definition are materials such as contaminated items, activated materials (unless activated to produce a source), materials in a process (that is, materials being manufactured), or materials where the emitted radiation is an unused by-product (that is, depleted uranium used for ballast or shielding).

Also exempt are Special Nuclear Materials (SNM), classified weapon components, and radionuclides with half-lives of less than 30 days.

Materials that meet the above definition must be registered in the Radioactive Source Control Program. This program is administered by the Health Protection Dept. 8641.

For more information, a copy of Table 1 of DOE N5400.9, or to receive the necessary registration form, please contact Tony Sorensen (8641) on 4-3020.

(DAW:8641)

## President's Quality Award briefings

Are you considering applying for a 1994 Sandia President's Quality Award (PQA)? Do you have questions concerning the criteria or how to effectively express the quality successes your team has made during the year? If so, plan to attend one of four applicant briefings:

Date	Time	Location
Mon., June 13	1-3 p.m.	Sandia/NM 10510 Research Road West Conf. Room
Thurs., June 16	8-10 a.m.	Sandia/CA Bldg. 912 Room 121
Tues., June 21	1-3 p.m.	Sandia/NM Bldg. 822 Conf. Room B
Thurs., June 30	9-11 a.m.	Sandia/NM Bldg. 822 Conf. Room B

The first part of the session will be an overview of the PQA process, covering application benefits, scoring technique, assessment feedback, and more. The remainder of the session is for applicants to get additional clarification and answers to questions. Each session is scheduled for two hours, but may be shorter depending on the need for additional information.

For more information, contact Dave Bushmire (12911) on 505-271-7945 or Cliff Yokomizo (8007) on 4-2949. (AK:12911/CTY:8007)

## Weekly Bulletin

The *Weekly Bulletin* for SNL/California is prepared by the Public Affairs and Employee Communications Dept. 8502, and is distributed to all employees. General items for the Bulletin must be approved by the concerned director and should be directed through Carole Price (8535), MS 9021, 4-2929 or fax 4-2196. Job postings must be approved by the appropriate-level managers, an authorized derivative classifier and OPSEC. Deadline for submitting final copy to Department 8522 is noon on Tuesday for announcements at the California site, and noon on the preceding Friday for inclusion in the SNL/New Mexico *Bulletin*. (JAC:7162/PNS:8500)

## Shoemobile coming June 2

The Quenvold's Shoemobile will be here Thursday, June 2, from 9:30 a.m. to 12 noon. The truck will be located by the tennis and basketball courts in the west parking lot by the Credit Union.

Please note the following:

1. Employees pay for their own shoes (Sandia Visa, cash, check, or personal Visa or MasterCard) and will be reimbursed by submitting a reimbursement voucher to Sandia/NM. Safety does not have to sign the voucher.

2. The maximum cost to be paid by Sandia is \$120 per pair; the cost is to be charged to the user's case. Any amount over \$120 is paid by the user.

3. Contract employees: Prior to purchasing safety equipment, contract employees must receive confirmation from their employer that costs will be reimbursed by the employer.

Shoes may be purchased from other vendors if you choose. The shoemobile is provided for your convenience.

Employees can purchase shoes for their personal use by cash, check, Visa or Mastercard.

For further information, please call Deana Butler on 4-3013. (LAW:8600)

## Human studies proposal deadline

The Sandia Human Studies Board (HSB) will meet Tuesday, June 21, to review research proposals involving human volunteers or human data records, pathological specimens, or diagnostic specimens.

Deadline for submission of proposals requiring a full HSB review is the first Tuesday of each month. Proposals eligible for an expedited or exempt review may be submitted at any time. Contact Linda Erickson (3331), HSB Administrator, on 9-5-9171 for more information. (LJE:3331/SJW:8527)

## Sandia Women's Committee to meet

The next Sandia Women's Committee (SWC) will be held Friday, June 3, in Building 910, Room 201, from 12 noon to 1 p.m. All Sandia employees are invited to attend. (LAH:8526)

## Benefits highlights



### Caremark Prescription Drug Plan improvements

On Jan. 1, 1994, Sandia integrated all prescription drug claims processing for Medical Care Plan (MCP) participants through the Caremark Prescription Drug Plan. In the Select Network (Wal-Mart, KMart, Smiths, and Longs in California), MCP participants have claims filed electronically. If purchases are made in out-of-network pharmacies, participants file for reimbursement to Caremark Prescription Service, PO Box 686005, San Antonio, Texas 78268-6005. In addition, participants can obtain maintenance prescription drugs through the Caremark Mail-Order Pharmacy by paying a small co-payment and filing no claims.

During the transition period since Jan. 1, Caremark has experienced data tape production difficulties, causing claim backlogs in electronic claim filing. This process was revised May 16, and electronic claims filed after then will be reimbursed in 10-15 days.

Also, reimbursements for electronic claims were taxed incorrectly and, in some cases, double tax and double payments were reimbursed to the participant. Reprogramming was initiated and should resolve future claim filing errors. Identification of previous claim overpayment errors is in progress.

Caremark is committed to providing quality service to Sandians and has been working diligently with Sandia to resolve customer complaints. Caremark has provided Sandia with dedicated customer service and claim payment units. To access the customer service unit for questions concerning claim reimbursements or the status of prescription drug claims (not mail-order questions), call 1-800-841-5550, enter 2 for claims and request the Sandia Unit. All questions about prescription drug claims should be directed to Caremark rather than Mutual of Omaha customer service. Caremark will announce a toll-free 800 number by July 1 for direct access to Sandia's customer service unit.

Caremark will be conducting a Sandia customer survey the first week of June to obtain feedback for improvement of customer services. Participants' feedback about Caremark's performance has been and continues to be important in performance improvement. Your patience is appreciated.

(LL:3543/MJY:8522)

## ES&H Training



If you would like to enroll for any of the following ES&H classes, please use the new "Corporate Training & Development Registration Form." This form was sent out with the last group of Training Histories. If you do not have a form, please call Susan Battles on 4-2393.

### **HAZ 211 - Hands on Chemical Safety/Spills Control**

June 2 (Thursday)

8 to 10 a.m. -or- 10 a.m. to 12 noon

Two sessions may be held dependent on enrollments.

June 3 (Friday)

1 to 3 p.m.

Building 962-2, Yard

You must wear closed-toe shoes when attending.

### **MCH 112 - Machine Shop Safety**

May 31, June 1 & 2 (Tuesday - Thursday)

8 a.m. to 12 noon each of the 3 days

Building 969

### **EMP 120 - ES&H Orientation**

June 7 (1st Tuesday of the month)

8 to 11 a.m.

MO 30 "Star Fleet Academy" Training Room

### **RSP 215 - Respiratory Protection - Negative Pressure Masks**

June 16 (Thursday)

8 to 10 a.m.

MO 22 "10-Forward" Training Room

If you use a respirator, you must take this class annually. The respirator fitting must be done on the same day as the class. The instructor has scheduled the remainder of the morning and afternoon for the

fit testing in the 913 Lab, Room 103. You will be asked during class to sign up for a 30 minute interval. Make sure you allow time in your schedule to do this. If you have a respirator, bring it with you to class.

Please provide a billing case number upon enrollment.

Cost: \$197

### **ELC 106 - R & D Electrical Safety**

June 23 (Thursday)

8 a.m. to 4 p.m.

MO 30 "Star Fleet Academy" Training Room

Cost: \$262

### **FKL 153 - Forklift Operator and Hands-on Training**

Tentative date: June 29 (Wednesday)

8-hour course. Once you have taken this course you need to take the refresher once every 36 months.

Cost: \$345

### **FKL 153R - Forklift Refresher**

Tentative dates: June 30 and possibly July 7 (dependent on enrollments)

4-hour course.

Cost: \$209

### **RGH 100 - 2-Day - Crane Rigging & Hoisting**

July 19 & 20 (Tuesday & Wednesday)

MO 30 "Star Fleet Academy" Training Room

Cost: \$366

### **RGH 104 - 1-Day Refresher - Crane Rigging & Hoisting**

July 21 or 22 (either day, Thursday or Friday)

MO 30 "Star Fleet Academy" Training Room

Cost: \$304

(LAH:8526)

## Add mail stop to Funds Advance for payment

When submitting a Funds Advance for payment, please add your mail stop number. This will enable Mail Services to return the Funds Advance to you promptly. Otherwise, the Funds Advance with organization numbers have to be researched before being forwarded to recipients. Your assistance is greatly appreciated by Mail Services team members.

(ING:7613)

## Correction to SLP numerical index

The Numerical Index of Sandia Laboratories Policies (SLPs) dated April 15, 1994, contains the wrong issue date for SLP 6600. The date should be Feb. 26, 1990, instead of Jan. 12, 1994. Please update your copy.

Call Corporate Policy Dept. 10604 on 9-4-2470 if you need a copy of the numerical index.

(RWT:10604)

## New electronic template for the DP Sector Project Data Document

The new electronic template for the DP Sector Project Data Document and associated instructions for FY95 are now available in MS Word for Windows Version 6.0 and MS Word for Windows Version 2.0. A Macintosh version will be released on June 7. The electronic PDD template and instructions may be obtained on a 3-1/2-inch diskette along with a printed copy of the forms and instructions (for those who don't have compatible computers or software) from the DP Sector program managers; the DP Sector Office (Jeff Kallio, MS 0121, 9-4-8007, Bldg. 836, Room 214); Department 5102 (Emily Benavidez, MS 0435, 9-4-4760, Bldg. 836, Rm. 1073); or Department 5361-1 at Sandia/CA (Marie Dremalas, MS 9032, 4-2325).

(PAS:5102/JBW:5300)

### Job Opportunities

#### SELF NOMINATING PROCEDURES:

Regular on-roll employees may nominate themselves for openings or withdraw their bid on a vacancy by calling the Internal Job Vacancy Line on 9-5-7958 between 5 a.m. and 5 p.m. (PST) and giving the following information: social security number, birth month and day, and the vacancy number of the job. Please record the bid number provided when the bid is accepted. This number will be required to withdraw the bid. ALL NOMINATIONS MUST BE IN BEFORE NOON ON THE SPECIFIED DEADLINE DATE. Employees on travel, vacation, sick leave, etc., during the entire posting week may bid by asking someone else to call in their bid (by proxy) or by calling their Personnel Representative immediately upon their return. No other action is necessary unless required by the given listing. To be considered, candidates must meet all requirements specified in the listing. Candidates will be selected on the basis of merit without regard to race, color, religion, gender, sexual orientation, national origin, age, or personal disability (need for reasonable accommodations should be directed to your personnel representative, Department 8522).

All nominations for these job opportunities must be in before 12 noon, June 7, 1994.

### Management Vacancies

Managers may nominate themselves, or be nominated by their director (see procedures below), for consideration for any manager vacancy within their job classification (MLS/MTS), regardless of pay grade, by following the above Self-Nominating Procedures. Program/project managers (equivalent to manager positions) may nominate themselves for lateral

movement to functional managers and vice versa. Individuals who, prior to restructuring (effective April 1, 1992), were division supervisors and are now team supervisors or team leaders, may also nominate themselves for all manager positions within their job classification. Qualified MTS and MLS personnel may only nominate themselves for team supervisor positions. All other candidates must be nominated by a department, program, or project manager for MTS and MLS management positions. Department, program and project managers may nominate qualified candidates for manager and team supervisor openings on a promotional basis by:

- Calling 9-5-7958 and giving the following information: vacancy number and the candidate's name, social security number, and organization;
- Immediately sending a promotional nomination memo containing the vacancy number, posting date, and candidate's name, classification, social security number, and organization to 8522/MS 9111 (3533/MS 1023).

All nominations must be in before noon on the above specified deadline date.

#### Note:

Employees may be eligible for positions outside of their classification. Furthermore, the eligibility requirement policies can change. Therefore, employees must be sure to review all eligibility requirements as well as all available positions to determine their job opportunities.

### 94A0606/MTS - NM

Director for G. Yonas, 9000

The WFO Sector Office Org. 9900 is responsible for administering SNL's WFO process, day-to-day operation of the Sector, and supporting the Sector Manager in developing and managing strategic directions for the Sector. The Office prepares the WFO business plan, reviews all WFO Proposals, monitors Sector Budgets, provides business and program development support to the WFO Program Managers, and generates periodic reports. In addition, the Office is responsible for all WFO interfaces with the DOE, OCI avoidance procedures, coordination of the TRP program, and an aggressive industry outreach program that is intended to strengthen Sandia's relationships with the defense industrial base. Assistance is also provided to line organizations in establishing teaming relationships with private industry and universities, particularly in regard to new initiatives.

The successful candidate must be a strategic thinker with a strong technical background and demonstrated experience in applying business management and program development principles. The ability to team with the DP and EE Sectors and support the WFO program managers while maintaining a knowledgeable and objective lab wide approach to investment/ disinvestment decisions is required.

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Strong written and oral communications skills and a desire and ability to proactively resolve complex business issues are required. The demonstrated ability to lead planning activities is required.

#### **94A0611/MTS - NM**

##### **Manager for J. B. Woodard, 6600**

The Transportation Systems Analysis Department develops and applies analysis, risk assessment, and spatial data management tools to problems arising from the transportation of radioactive and hazardous materials. The department is currently engaged in analyses of routing and risk assessment related to issues such as foreign research reactor fuel shipments and the movement of plutonium by sea. A manager is needed to lead the current work and to assist in developing an expanded program that will utilize the technology base of the department.

Candidates for this position should possess an advanced degree in an engineering or analysis discipline related to the work described above. Demonstrated success in leading programs involving complex multiagency customer interfaces is required. Experience in developing new customers and projects is desirable. Experience in computer modeling of system level phenomena is desirable, especially if it is coupled with experience in nuclear engineering, structural or thermal analysis, or package design or testing. Some knowledge of NRC and DOE requirements for handling and transporting radioactive materials would be useful. The successful candidate will be expected to write and speak effectively, conveying technically accurate information to a range of audiences. This position will involve frequent travel within the U.S.

#### **94A0613/MLS - NM**

##### **Team Supervisor (Level 4) for R. D. Reed, 3333**

The Clinic Operations Department 3333 provides a broad range of health care services designed to protect and promote the health of Sandia employees, resident contractors, and visitors.

The Occupational Health Nurses Team Supervisor, 3333-1, is responsible for coordinating nursing and paramedic services within the Clinic Operations Department. This position requires a high level of clinical nursing expertise and supervisory knowledge and skill. Typical responsibilities include: assigning daily work duties; establishing and maintaining staff work schedules; providing staff orientation and guidance; interfacing with internal and external customers to identify and resolve operational problems; assisting in staff performance evaluation; interviewing employee candidates; and delivering nursing services.

Requirements for this position include: professional status of Registered Nurse (Bachelor's required); current licensure by the New Mexico Board of Nursing; and a broad clinical background with a minimum of five years recent occupational health nursing experience. The successful candidate

must have strong skills in: oral and written communication; interpersonal relations including conflict resolution; time management; and organization and planning. Candidates must be strongly team oriented and have excellent customer focus. A commitment to diversity and quality principles is also required. A broad knowledge of Sandia's policies and practices is desirable.

### **MTS and MLS Vacancies**

Employees classified as MTS and MLS may only nominate themselves for consideration within their classification. Those classified as MTS or MLS may be considered for movement between these classifications with a nomination letter from their director (education, experience, skills and other factors relevant to the vacancy are appropriate consideration in such cases). Movement between MTS and MLS classifications requires approval by Personnel. Advancement of MLS from Level 2 to Level 3, or Level 3 to Level 4 requires at least two years Sandia service at the prior level. Advancement to Level 5 requires at least two years at Level 4, (however, when the position is part of a multi-level job family and the candidate does not meet the eligibility requirements for movement to Level 5, they may be selected at Level 4). Candidates must have a PE (not valid for movement to Level 5), FM, or CE for the last performance review, and at least one year Sandia service on the date of the job announcement to be eligible for consideration.

Employees classified as TA or STA may nominate themselves for consideration for relevant MTS position(s) described below, provided that they have: (1) a Bachelor's or Master's degree in Engineering (this does not include BS in Technology [BST, BET, BEET, MET, EEET, etc.]), Computer Science, or an appropriate field as defined in the posting; and (2) three years of Sandia experience as a TA or STA that demonstrates the ability to perform at the MTS level.

Employees may nominate themselves for an MLS Level 2 (MIS Level 3) position provided they have: (1) a relevant Bachelor's degree as defined below or in the posting; or (2) have been classified as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, Nurse or any combination of these for at least 5 years. In addition, the employee must have a PE, FM, FC, or Good or better performance indicator in their current classification. Employees may nominate themselves for an MLS Level 3 (MIS Level 4) position provided they have: (1) a relevant Master's degree as defined below or in the posting; or (2) a relevant Bachelor's degree as defined below or in the posting and have been classified as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, Nurse or any combination of these for at least 5 years. In addition, the employee must have a PE, FM, FC, or Good or better performance indicator in their current classification.

Relevant degrees for MLS positions include: Business Administration, Public Administration, Human Resources,

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Personnel Administration, Management, Finance, Accounting, Marketing, Management Information Systems, Labor Relations, Education or the equivalent of any of these.

**All candidates must have at least one year Sandia service on the date of the job announcement to be eligible for consideration.**

#### **94A0595/MTS - NM**

**Project Leader for W. L. Hermina, 1553**

Thermophysics Department 1553 carries out research, development, and applications in the areas of material thermal response and continuum to rarefied fluid dynamics. The department teams with other Sandia departments crossing all the Core Competencies and program areas.

The department is currently supporting two DOE/SEMATECH projects related to semiconductor manufacturing processes. In support of these projects, the staff member filling this posting will lead the development of a new Sandia facility that will provide computational and experimental design capabilities to semiconductor equipment manufacturers, and will work closely with Sandia and SEMATECH project managers to direct a large plasma etch modeling project.

The successful candidate should have an advanced degree in engineering or science, an understanding of semiconductor manufacturing processes, experience in computational modeling, and experience in managing large programs. Excellent written and oral skills, and strong leadership and team building abilities are essential. The position will require frequent travel and interfacing with Sandia, SEMATECH and industry personnel.

#### **94A0607/MTS - NM**

**System Engineer/Analyst/Strategic Planner for P. E. Brewer, 6700 (Carlsbad, NM)**

Organization 6700 has responsibility for providing technical support to the DOE National Transuranic Program Office (NTPO). The project team is responsible for assisting NTPO with near-term waste management activities and long-term planning and program integration. The project manager seeks an individual with an ability to evaluate and solve complex, multidiscipline problems of a technical (environmental, safety, and health) and nontechnical (social, political and economic) nature. The successful candidate will work with the multidiscipline team composed of Sandia National Laboratories and contractor personnel. The job function decisions involve physical facilities and waste management operations (generation, minimization, storage, treatment, and disposal), the TRU waste inventory, the mission and regulatory requirements, and the management system being employed.

The position requires a team player with strong organization, coordination, communication (oral and written), and problem identification and solving skills. Candidates with

various formal degrees will be considered. The individual needs the ability to think strategically, to deal with ambiguity, and to solve complex issues and problems of a technical and nontechnical nature. Formal training and/or experience in waste management (or a related technical discipline), professional project management, information gathering, problem analysis, and consulting is highly desired.

#### **94A0596/MTS - NM**

**Environmental Chemist for D. L. Stermer, 7584**

The Environmental Restoration Department III is responsible for site-wide hydrogeologic characterizations, ground water monitoring and protection, and support services related to environmental restoration ES&H, community relations, and waste management.

An opening exists for an MTS to manage the environmental restoration chemistry and mobile laboratories. The successful candidate will perform chemical design, experimentation, analysis, and interpretation of environmental laboratory and field activities, and will participate in the design, acquisition, and operation of additional future equipment. The successful candidate will interface with environmental restoration project personnel to schedule use of laboratory equipment, negotiate laboratory analyses, review data results, ensure that laboratory operation and safety procedures are followed, interface with the Environmental Operations Center's Sample Management Office, and support general operations in TA3. The successful candidate will be located in TA3.

Candidates should have a minimum of a BS in chemistry, familiarity with chemical laboratory equipment and associated ES&H requirements and practices, and experience managing laboratory operations. Training in the environmental regulatory requirements will be provided.

#### **94A0602/MTS - NM**

**Project Leader for R. J. Fogler, 9137**

Image and Signal Processing Systems Department II (9137) is responsible for the development of new and innovative signal and image processing systems for a variety of defense applications. We work closely with customers to develop system concepts, establish requirements, and identify complete solutions that push the technology envelope. Projects have included proof-of-concept lab and field demonstration of real-time embedded systems for computer vision, motion detection, and target recognition using optical and radar sensors.

An opening exists for a staff member to lead the concept definition, development, and system integration of a class of miniaturized, high-performance embedded processors in a multi-year effort. The successful candidate should have an advanced degree in engineering or equivalent experience, demonstrated technical leadership, and the ability to work closely with signal/image processing algorithm developers

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and component/subsystem departments within and outside Sandia. A thorough understanding of algorithm concepts, embedded computer architectures, and real-time software concepts is important. The ability to manage resources and present ideas in oral and written form is essential. Moderate travel is required.

**94A0601/MTS - NM**

**Satellite Power Systems Engineer for  
C. M. Greenwood, 9212**

The Advanced Digital and Power Subsystems Department is responsible for the design, development, and implementation of digital and power subsystems for space applications. Typical subsystems employ custom design electronics with emphasis on miniaturization, high reliability, and low power consumption. Designers have the advantage of being involved with their designs from "cradle to grave."

9212 has ongoing activities to develop power subsystems for several satellite payloads and is about to start development of several power subsystems for a new satellite payload. An opportunity exists for a technical staff member to design DC to DC power supplies and distribution subsystems.

The candidates must be skilled in analog system design. Experience in power system design including pulse width modulators, power bus distribution, low voltage and high voltage supplies is desirable. Candidates with an MSEE degree are desirable, but MTSs with BSEE or BSEET degrees will be considered if they have applicable experience in power design. The ability to work as a team member with others inside and outside Sandia is essential.

Candidate selection will be made using a participative process.

**94A0604/MTS - NM**

**Software Developers for S. K. Fletcher, 9411  
(Two Positions)**

The Non-Proliferation Activities Department provides information system solutions for a wide variety of non-proliferation issues. Current projects address DOE export control case analysis and treaty verification data presentation and analysis. Projects are relatively small in size and range from research (LDRD) to prototypes to production systems. Two additional staff are needed for software development. Any or all of the following technical skills and experience are applicable: UNIX, DOS/ WINDOWS, C, user interfaces, graphics, object-oriented design, LANs, client/server architectures, document retrieval applications. Candidates should be familiar with good software development and configuration management practices. Self motivation and people skills are also important, in order to work effectively both within teams and independently and to interface with sponsors and customers.

**94A0592/MTS - NM**

**Software Engineer for D. E. Carroll, 9421**

The Modelling, Simulation and Analysis Department provides modelling and simulation to support automated data analysis of satellite system and sensor performance.

Department personnel also develop algorithms and software components that are incorporated into operational, real-time satellite ground stations. Thus, a blend of analytical capabilities and software engineering skills are utilized within the department in support of all phases of remote sensing engineering projects.

The department is currently involved in the development of three satellite ground systems. An opening exists for a software engineer to support the Mission Processing portion of these systems, which consists of data fusion, event location determination, signal characterization, and message generation. The successful candidate will be part of a large project team and will be expected to accept ownership of the tasks assigned.

Candidates should possess a degree in Computer Science, Math, Physics or an equivalent discipline. Experience with higher level languages is required. Candidates will be evaluated on their experience and training relating to all phases of the software engineering cycle. Expertise in any of the following areas is desirable: Unix, Ada, automated software development tools, configuration management methods, and interpersonal and writing skills. The ability to work well in a large team environment is essential.

**94A0593/MTS - NM**

**System Test Engineer for D. H. Rountree, 9427**

Data Systems Integration and Test Department 9427 is responsible for integration, test, and delivery of satellite data processing systems that process data from sensor systems on board two major Air Force satellite programs. A position is available for a software engineer who will join the system test team and take the responsibility to lead the development of system test plans, procedures, and system test cases and for the execution of system tests for a large software project.

The department is committed to employing modern software integration and test practices, testing to well-defined user requirements using automated test and analysis tools, and improving software engineering practices. Candidates should have a degree in computer science or equivalent and be familiar with modern software engineering methodologies. A working knowledge of UNIX, an ability to maintain an overall system perspective, and an ability to interact well with other test team members, system developers, and project sponsors are essential. A general understanding of testing standards, test tools and methodologies, distributed computing, C and Ada, and an interest in participating in system test process improvement are desirable.

**94A0603/MTS - NM**

**Software Engineer for S. L. K. Rountree, 9617**

Department 9617 has a history of developing alarm and display systems for DOE sites as well as map display systems for Emergency Operation Centers. The department currently is expanding its expertise into discrete simulation modeling and advanced scheduling technologies to support Advanced Transportation initiatives.

An opening exists for a software engineer to work with a small team developing a Transportation Planning tool for the DOE Transportation Safeguards Division (TSD). This tool integrates simulation modeling, transportation scheduling, database, and graphical user interface components into a rapid modeling environment for Sandia and DOE/TSD transportation analysts.

The successful candidate should be comfortable working in the Microsoft WINDOWS environment and should have good software engineering skills. Experience in simulation modeling, databases, and graphical user interfaces is desirable. The ability to work well in a team environment is essential. The successful candidate will need to be flexible and willing to contribute to related, concurrent efforts and be willing to learn new skills. The project team will participate in the interview and selection process.

**94A0614/MLS - NM**

**Quality Consultant (Level 5) for L. D. Rathjen, 10205 (Actg.)**

The Quality and Process Management Department provides Quality, ES&H, Training, and Human Resource support for the Procurement Center. In support of this mission, the Quality Consultant plans, implements, and oversees the Center's internal and external quality programs and Quality Council. The consultant promotes quality in the acquisition of goods and services and continuous improvement in procurement processes.

The successful candidate will be responsible for the development of Center metrics, administration and monitoring of the DOE Appraisal Procurement Milestones, and Rewards and Recognition program and process improvement. The candidate will also assist in development of the process simplification project and Supplier Quality Plan, and facilitation of PMT, QAT and QITs.

Candidate must demonstrate a comprehensive knowledge and use of quality principles, practices, and training and have knowledge of procurement policies and procedures. Candidate should have working experience with DOE Quality Orders QC-1, 5700.6C and Sandia's quality initiatives including the Malcolm Baldrige National Quality Award. The candidate must have excellent written and verbal communication skills and effective presentation and organizational skills; be comfortable working with teams; and be flexible and deadline-sensitive.

Candidate will have proficiency using quality methods:

SPC, QFD, BBP, PQMI and root cause analysis; PC software (Excel, Paradox, Word, PowerPoint, Project) in a Windows environment.

**94A0608/MLS - NM**

**Administrative Methods and Systems Analyst (Level 3/4) for C. Lucero, 7617**

The Property and Materials Services Department is responsible for the utilization, redistribution, and disposal of excess and surplus government-owned property. It is responsible for SNL's property/material disposition programs.

The successful candidate will: assist in identifying and analyzing methods and systems to determine modifications or implementation of new methods and systems. The candidate will coordinate the installation or implementation of changes and new methods and systems. The principal challenge is to ensure that changes to methods, systems, and programs are compatible with the needs of the customers and meet established standards.

Requirements include: excellent written and oral communications skills, excellent interpersonal skill, and personal computer skills. Experience in Property Management and Reapplication as well as the ability to work effectively with a variety of internal and external customers are also necessary.

**TA/STA Vacancy**

The following position is open to lateral moves by those presently in the given classification. However, employees who have successfully completed a two-year technical degree program (as certified by the Education and Training Organization) may nominate themselves for TA/STA positions. In addition, employees classified as TA may nominate themselves for consideration for relevant STA position(s) described below provided they have: (1) a Bachelor's degree in Engineering, Science, Technology (BST, BET, MET, EEET, BEET, etc.), or an appropriate field as defined in the posting; and (2) three years of Sandia experience as a TA that demonstrates the ability to perform at the STA level. Candidates must have at least one year Sandia service on the date of the job announcement to be eligible for consideration.

**94L0061/TA/STA - CA**

**Fire Protection Engineering Technician for W. V. Ormond III, 8643**

Safety Department 8643 is responsible for implementing the fire protection program to meet the "Improved Highly Protected Risk" criteria for protection of facilities and property.

A FPE technician is needed to support the Corporate and Site Specific requirements of the Fire Protection Program. Some of the responsibilities are to: provide technical support to fire protection engineers; provide oversight of the inspection, testing and maintenance activities of fire protection systems by facilities maintenance personnel;

*continued on next page*

assist with fire extinguisher placement and signs; review and update fire extinguisher education and procedures; conduct hands on fire extinguisher training; assist in implementing a new bar code inspection program for the fire protection equipment; conduct field investigations of hot line calls, accidents or incidents; assist with annual hydrant flow testing; coordinate the quarterly review of the special information sheets sent to LLNL Fire Dept.; review LLNL "run cards" prefire planning information; assist with liaison activities with LLNL Fire Dept.; issue hot work permits; coordinate Fire Prevention week activities; compile survey results and provide back up coverage for fire protection system impairment permit programs.

Candidates should have a minimum of a two year degree in the fire protection, mechanical, industrial engineering or related field, or the equivalent. Also, candidate should be familiar with fire protection or mechanical systems. Good written and oral communication skills are required and candidates must be able to function independently in the performance of duties.

It is desired that the candidate be knowledgeable of NFPA codes, bar code tracking systems, fire prevention activities, accident investigation, and be able to provide fire extinguisher training.

### **Advancement Opportunity**

The following position is open to any employee with suitable qualifications and interests, including those wishing to move laterally within the given classification, except that trainees may not move laterally until after completion of training. Candidates must have at least six months of Sandia service on the date of the job announcement to be eligible for consideration. Where there are more than 10 candidates, interviews may be restricted to those 10 or so who seem to be best qualified according to personnel records.

#### **94L0060/ASA-C - CA**

##### **Reporting Administrator for A. L. Hull, 8416**

The selected candidate will be responsible for providing security guidance and direction to management and non-management employees, at various DOE sites, in insuring compliance with applicable DOE Orders, Standards, and Criteria, policy memoranda, regulations and additional DOD security requirements for a high-priority DOE/DOD technical program. Activities include researching and maintaining current knowledge of applicable DOE and DOD Orders, regulations and requirements; providing interpretation and awareness of applicable guidelines to management and employees; developing various information reporting procedures; coordinating and participating in inspections and audits of classified documents and hardware at multiple DOE and DOE contractor facilities; identifying areas of compliance and noncompliance; proposing new rules and policies to correct areas not currently in compliance; establishing and maintaining perfor-

mance monitoring and reporting systems consistent with program activities and assisting with development and maintenance of required records; interfacing with DOE, DOD, and other agencies, contractors and other organizations to remain current on various regulations and requirements; assisting in management interface with auditors concerning compliance issues; coordinating the establishment and authorization of mail shipping channels through which classified matter is transferred to external organizations, agencies, or individuals; coordinating with outside agencies on security clearance questions relating to incoming and outgoing visitors.

Requirements include: knowledge and know-how for interagency classified matter protection and control; current knowledge of DOE safeguards and security; ability to read, understand, and interpret new and existing DOE orders and requirements; excellent oral and written communication and interpersonal skills; ability to make oral presentations to outside agencies; ability to effectively work with peers at all levels of management, internal and external to SNL; ability to work with minimal supervision and exercise independent judgment; working knowledge of word processors, spreadsheets and databases; working knowledge of LDAS; problem-solving abilities to handle situations not specifically addressed by policies or procedures. Extensive travel to several DOE and contractor facilities will be required.

Qualified bidders will be competing against an individual currently in a related position.

### **Disposition of Past Openings**

#### **Management:**

- 94L0039-01 MTS Manager for J. B. Wright, 5300, filled by Corey L. Knapp, 8415
- 94L0040-01 MTS Manager for J. B. Wright, 5300, filled by Robert D. Monson, 5321
- 94A0403-01 MLS Manager for M. L. Jones, 7000, filled by Robert N. Banwart, 10504

#### **Staff:**

- 94A0466-01 Member of Lab Staff for J. L. Negin, 10323, filled by Ann B. Harper, 10323
- 94A0486-01 Member of Lab Staff for G. L. Esch, 7101, filled by Beverly F. Ortiz, 10323


### **Vacancies Withdrawn**

#### **Management:**

- 94A0556-01 MLS Manager for D. L. Crawford, 1900
- 94A0402-01 MLS Team Supervisor for S. E. Sharpton, 6352



Everybody plays a part.

 Sandia National Laboratories

*Don't waste Watts!*

# Sandia/California Weekly Bulletin



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## President's quarterly dialogue sessions are Oct. 21 at Sandia/CA

Sandia President Al Narath will address all employees during quarterly dialogue sessions Oct. 4 and 5 at the New Mexico site and Oct. 21 at the California site. He will talk about the status of the Galvin Task Force. All employees are encouraged to attend.

**New Mexico:** Sessions will be held Tuesday, Oct. 4, in the BDM Building auditorium at 1:30 p.m. and on Wednesday, Oct. 5, in the Technology Transfer Center (Bldg. 825) at 1:30 and 3 p.m. On-site employees with last names beginning A-M should attend the 1:30 p.m. session; N-Z should attend the session at 3. The BDM session on Tuesday is for employees located there.

**California:** Sessions will be Friday, Oct. 21, at 8:30 and 10 a.m. in the Sandia/California auditorium (Bldg. 904). Employees with last names beginning A-M should attend the 8:30 a.m. session, N-Z the session at 10.

(JLC:1)

## Sandia colloquium features holistic resource management — a reminder

Allan Savory, founding director of the Center for Holistic Resource Management, a nonprofit organization formed in 1984, will present a colloquium titled "Holistic Resource Management: A New Decision-Making Process" on Tuesday, Sept. 20, from 9-11 a.m., in the Technology Transfer Center (Bldg. 825), simulcast to Sandia/California Bldg. 912, Room 121, from 8-10 a.m. Savory has been a wildlife biologist, soldier, farmer, politician, and international consultant in ecological restoration on five continents.

Today, an array of successes and failures surround us, according to Savory. Our most notable successes, he says, are in the mechanical realm — the technology involved in space exploration, communication, transport, weaponry, and household comforts. He believes our most notable failures involve the natural world of multidimensional relationships — the increasingly rapid loss of biodiversity, increasing droughts and floods, rising poverty, crime and violence, and increasingly unstable economies.

In his presentation Savory will illustrate why our failures were inevitable — that the way we have subconsciously made decisions (from the Stone Age to the present) is the root cause of our failures. He will introduce a new decision-making process, Holistic Resource Management (HRM), that is proving highly successful.

Roger Hagengruber, VP of Defense Programs 5000, is the colloquium host. (RJH:5000)

## Retirement seminars — a reminder

Sandia's Retirement Counselor Jo Sandelin will be conducting seminars on Sandia's retirement processes. These seminars will be held for employees planning to retire within the next six months. Attendance is recommended at least three months prior to retirement. Pre-registration is essential, as space availability is limited. Please contact Jo Sandelin at 4-2073 to reserve your space at one of these important informational meetings:

- Thursday, Sept. 22 – 9 to 11 a.m., Building 912/112
- Wednesday, Oct. 19 – 9 to 11 a.m. Building 912/121

(MJY:8522)

## FY95 load sequencing

This is a reminder that the sequencing of loads on financial transactions (both cost and budget) will be changed in FY95. Currently (in FY94), Laboratory Directed Research and Development (LDRD) and Program Direction (PD) loads are assessed after Corporate Tax and Management Fee. Beginning in FY95, Corporate Tax and Management Fee will be assessed **after** LDRD and PD. This is in accordance with the Gary Riser (Org. 10000D) memo dated April 15, 1994 (subject: FY95 Spend Plan rates). Also, as a result of this change, LDRD and PD cases will not be assessed Corporate Taxes and Management Fee in FY95. For more information, call Susan Nestor (10401) on 9-4-0625. (SN:10401/DBH:8523)

## Weekly Bulletin

The *Weekly Bulletin* for SNL/California is prepared by Public Affairs and Employee Communications 8502, and is distributed to all employees. General items for the *Bulletin* must be approved by the concerned manager and should be directed through Carole Price (8535), MS 9021, 4-2929, or fax 4-2196. Job postings must be approved by the appropriate-level managers, an authorized derivative classifier and OPSEC. Deadline for submitting final copy to 8502 is noon on Tuesday for announcements at the California site, and noon on the preceding Friday for inclusion in the SNL/New Mexico *Bulletin*.

(JAC:7162/PNS:8500)

### Side-wide electronic daily announcements coming soon

Help is on the way to reduce the paper blizzard and reduce the time you spend handling the daily information flow.

TNT (Sandia/CA: Today & Tomorrow) provides a convenient way for you to announce scheduled activities or the availability and location of electronic information. TNT is a convenient electronic alternative to paper media such as site generated bulletins, notes, flyers, newsletters, presentation announcements – all previously routed by paper. Anyone on cc:Mail will be able to prepare an announcement for the next day's issue of TNT.

All Sandia/CA cc:Mail/Unix customers will receive a single cc:Mail message, the "TNT Daily." The TNT Daily is a condensation of multiple items into a single capsule form. An individual item may reference extended information at some other electronic location, such as a cc:Mail bulletin board.

TNT is coming October 3. Look for more information in next week's bulletin. (RLF:8525)

### Sandia establishes state and local government liaisons

Government Relations Office 12120 recently established liaisons for state and local government interactions in addition to those for Congressional interactions.

Although the reporting requirements for interactions at the state and local levels are less stringent, we nonetheless need to monitor these contacts and record them in our database.

If you have Sandia-related interactions with anyone in the state or local government, please notify Jane Ann Lamph on 4-2632, e-mail address JALAMPH@SANDIA.GOV, at Sandia/California; or Gloria Zamora on 9-5-0811, e-mail address GJZAMOR@SANDIA.GOV at Sandia/New Mexico. Please provide your name, organization, the governmental point of contact, and a short description of the project in which you are involved. Jane Ann and Gloria are also your resources to assist you in setting up needed appointments.

(VLD:12100/JAL:12120)

### New dialing plan reminder

As of October 1, the number "7" will be used rather than "8" for initiating outgoing calls. You can start using the "7" now. It would be a good idea to start changing your speed calling numbers on your telephone and facsimile machines now, so that they will be correct when the change goes into effect.

(PL:8631)

### ES&H Manual updates

Following are *ES&H Manual* and Supplements updates:

Chapter 8, Section L, "Radiological Work Permits (RWPs)," was added to give information about requesting an RWP, special instructions to include on an RWP, radiological hold points, and closing an RWP.

*ES&H Manual* Supplement GN470059, "Conducting Internal, Independent Appraisals," was added to give instructions for performing and responding to internal, independent appraisals, including planning the appraisal, conducting the appraisal, reporting the results, developing corrective actions, implementing corrective actions, and verifying the completion of corrective actions. This document supplements *ES&H Manual* Chapter 2 and applies to all locations and any organization or committee conducting internal, independent appraisals.

*ES&H Manual* Supplement GN470080, "Implementing the Unreviewed Safety Question (USQ) Process for Nuclear Facilities," was added to describe the process for determining the potential safety significance of changes to nuclear facilities, associated procedures, and tests and experiments conducted within nuclear facilities. This document supplements *ES&H Manual* Chapter 13 and applies to all Sandia reactor and non-reactor nuclear facilities.

As a reminder, Section 4.8 of *ES&H Manual* Supplement GN470000 requires that you revise an *ES&H SOP* (Standard Operating Procedure) immediately if conditions of operations (such as requirements in the *ES&H Manual*) or hazards change from those specified in the current *ES&H SOP*.

If you own an *ES&H Manual* and have not received these updates, please contact Lauren Hancock (2781) on 9-5-9567.

(RWR:7254)

### Enterprise Integration Facility open house September 20

Two rooms, one at Sandia/New Mexico and the other at Sandia/California, were established and united to create the Enterprise Integration Facility (EIF). This facility is dedicated to promoting and demonstrating how advanced manufacturing projects at Sandia are integrating to support the product realization process for the Defense Programs Sector.

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The EIF houses two platform tracks. The first is a prototyping testbed for working out the interproject integration details. The second platform track will be used to demonstrate the integrated capabilities and support beta test activities, where users can evaluate and provide feedback.

An open house will be held in New Mexico on Tuesday, Sept. 20, in Bldg. 858, Room 2120, from 11 a.m.-3:30 p.m. and in California on Sept. 20 in

Bldg. 941, Room 1106, from 10 a.m.-2:30 p.m.

Representatives from each project will be available to answer questions about their projects. These rooms will actively participate via video conference during the open house. Employees are invited to drop by to get a better understanding of the facility. (JHB:2905)

## ES&H Training



If you need to take any of the following classes, please complete a "Corporate Training & Development Registration Form" and send it to MS 9910. If your manager has completed a matrix that includes any of these classes, you should receive a Notification Memo asking you if you are available to take the class on the dates indicated. Call Susan Battles on 4-2393 for forms or more information.

The following can also be viewed on the cc:Mail bulletin boards under ES&H.

### **Back Care Clinic**

September 20 (Thursday)  
1 to 4 p.m.  
Building 905, Room 209

### **RAD 210 - Rad Worker Training - Core Academics**

September 21 (Wednesday)  
7:30 a.m. to 4 p.m.  
MO 30 "Starfleet Academy" Training Room

### **RAD 141 - Initial Tritium Training**

September 22 (Thursday)  
8 a.m. to 12 noon  
MO 30 "Starfleet Academy" Training Room

### **NSE 100 - Hearing Conservation/Occupational Noise**

October 6 (Thursday)  
8 to 10 a.m.  
Building 905, Room 210

### **CNF 105 - Confined Spaces Awareness**

October 11 (Tuesday)  
8 to 10 a.m.  
Building 905, Room 210

### **CNF 107 - Confined Spaces Entry**

October 11 (Tuesday)  
10 a.m. to 12 noon  
Building 905, Room 209

### **OFC 100 - Office & VDT Safety (Ergonomics)**

October 11 (Tuesday)  
1 to 3:30 p.m.  
Building 905, Room 209

### **RGH 100 - Crane, Rigging & Hoisting**

October 17 & 18 (Monday & Tuesday)  
MO 30 "Starfleet Academy" Training Room

### **RSP 215 - Respiratory Protection - Negative Pressure Masks**

October 20 (Thursday)  
8:00 to 10:00 a.m.  
Building 905, Room 210

If you use a respirator, you must take this class annually. The respirator fitting must be done on the same day as the class. The instructor has scheduled the remainder of the morning and afternoon for the fit testing in the 913 Lab, Room 103. You will be asked during class to sign up for a 30 minute interval. Make sure you allow time in your schedule to do this. If you have a respirator, bring it with you to class. Please provide a billing case number upon enrollment.

Cost: \$197

### **LAS 200B - Laser Safety**

If you need this class, please call to be placed on a wait list.

### **MED 113 - Bloodborne Pathogens Training**

Medical has scheduled this offering on:  
October 12 (Wednesday)  
1 to 3:30 p.m.

In the Medical Building

If you need to take this class, please call - there is limited space available.

(SMB:8526)

## Job Opportunities

### SELF NOMINATING PROCEDURES:

Regular on-roll employees may nominate themselves for openings or withdraw their bid on a vacancy by calling the Internal Job Vacancy Line on 9-5-7958 between 5 a.m. and 5 p.m. (PST) and giving the following information: social security number, birth month and day, and the vacancy number of the job. Please record the bid number provided when the bid is accepted. This number will be required to withdraw the bid. **ALL NOMINATIONS MUST BE IN BEFORE NOON ON THE SPECIFIED DEAD LINE DATE.**

Employees on travel, vacation, sick leave, etc., during the entire posting week may bid by asking someone else to call in their bid (by proxy) or by calling their Personnel Representative immediately upon their return. No other action is necessary unless required by the given listing. To be considered, candidates must meet all requirements specified in the listing. Candidates will be selected on the basis of merit without regard to race, color, religion, gender, sexual orientation, national origin, age, or personal disability (need for reasonable accommodations should be directed to your personnel representative, Department 8522).

**All nominations for these job opportunities must be in before 12 noon, Monday, September 26, 1994.**

#### Note:

**Employees may be eligible for positions outside of their classification. Furthermore, the eligibility requirement policies can change. Therefore, employees must be sure to review all eligibility requirements as well as all available positions to determine their job opportunities.**

### Management Vacancies

Managers may nominate themselves, or be nominated by their director (see procedures below), for consideration for any manager vacancy within their job classification (MLS/MTS), regardless of pay grade, by following the above Self-Nominating Procedures. Program/project managers (equivalent to manager positions) may nominate themselves for lateral movement to functional managers and vice versa. Individuals who, prior to restructuring (effective April 1, 1992), were division supervisors and are now team supervisors or team leaders, may also nominate themselves for all manager positions within their job classification. Qualified MTS and MLS personnel may only nominate themselves for team supervisor positions. **All other candidates must be nominated by a department, program, or project manager for MTS and MLS management positions.** Department, program and project managers may nominate qualified candidates for manager and team supervisor openings on a promotional basis by:

- **Calling 9-5-7958 and giving the following information: vacancy number and the candidate's name, social security number, and organization;**
- **Immediately sending a promotional nomination memo containing the vacancy number, posting date, and candidate's name, classification, social security number, and organization to 8522/MS 9111 (3533/MS 1023).**

**All nominations must be in before noon on the above specified deadline date.**

#### 94A0839/MTS - NM - Q

##### Manager K-12 for A. L. Thornton, 3600

Sandia's education outreach effort in Diversity Leadership Center 3600 has the primary responsibility for coordinating science, mathematics, engineering, and technology educational outreach activities for kindergarten through post-secondary school. An opening exists for a manager in the new K-12 department. The responsibilities include leading a diverse group of staff and projects directed toward hands-on constructivist science education for kindergarten through middle school; coordinating the logistics for a set of year-round professional development workshops, seminars, and research internships for students and teachers; scheduling tours and speakers for educational events; sponsoring various state-wide math and science competitions; and assisting in math and science reform by supporting various state systemic change initiatives. The successful candidate will be expected to participate in strategic planning for defining the new role of the department.

The successful candidate should have a strong background in math or science; some educational experience, such as participation in SNL's outreach programs; and the ability to interact with local, state, and federal agencies. A graduate degree in the physical sciences or engineering is preferred. The successful candidate should also have a successful history of working closely with customers and in developing strong teamwork within the organization. Good analytical, decision-making and problem-solving skills are required. Experience in project management, demonstrated interpersonal skills, the ability to lead a large staff, and excellent presentation skills are a must for this position. A moderate amount of travel will be expected.

#### 94A0838/MTS - NM - Q

##### Manager Post-Secondary for A. L. Thornton, 3600

Sandia's education outreach effort in Diversity Leadership Center 3600 has primary responsibility for coordinating science, mathematics, engineering, and technology educational outreach activities for kindergarten through post-secondary school. An opening exists for an individual to manage the new post-secondary department. Responsibilities include leading a diverse group of staff and projects targeted to two- and four-

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year minority educational institutions; facilitating collaborative R&D efforts; providing internship opportunities for under-represented students and faculty; creating new education projects; developing an information management system to support the Center's education, diversity, and equipment loan activities; and assisting universities in need of accreditation/ articulation support. A major goal is to identify, attract and mentor high-GPA minority students to support SNL's workforce diversity efforts. The successful candidate will be expected to assist in strategic planning for this new department and should have a strong background in math/science, some educational outreach experience and demonstrated ability to develop and coordinate collaborative research projects. A Ph.D. degree in the physical sciences/engineering is preferred. The successful candidate will interact with university deans/presidents, lab directors/managers, and educational outreach counterparts at DOE facilities and forming new partnerships. The successful candidate should have a successful history of working closely with customers and developing strong teamwork within the organization. Good analytical, decision-making and problem-solving skills are required. Experience in project management, demonstrated people interpersonal skills, the ability to lead a large staff, and excellent presentation skills are required. A moderate amount of travel will be expected in support of this position.

### MTS and MLS Vacancies

Employees classified as MTS and MLS may only nominate themselves for consideration within their classification. Those classified as MTS or MLS may be considered for movement between these classifications with a nomination letter from their director (education, experience, skills and other factors relevant to the vacancy are appropriate consideration in such cases). Movement between MTS and MLS classifications requires approval by Personnel. Advancement of MLS from Level 2 to Level 3, or Level 3 to Level 4 requires at least two years Sandia service at the prior level. Advancement to Level 5 requires at least two years at Level 4, (however, when the position is part of a multi-level job family and the candidate does not meet the eligibility requirements for movement to Level 5, they may be selected at Level 4). Candidates must have a PE (not valid for movement to Level 5), FM, or CE for the last performance review, and at least one year Sandia service on the date of the job announcement to be eligible for consideration.

Employees classified as TA or STA may nominate themselves for consideration for relevant MTS position(s) described below, provided that they have: (1) a Bachelor's or Master's degree in Engineering (this does not include BS in Technology [BST, BET, BEET, MET, EEET, etc.], Computer Science, or an appropriate field as defined in the posting; and (2) three years of Sandia experience as a TA or STA that demonstrates the ability to perform at the MTS level.

Employees may nominate themselves for an MLS Level 2 (MIS Level 3) position provided they have: (1) a relevant Bachelor's degree as defined below or in the posting; or (2) have been classified as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, Nurse or any combination of these for at least 5 years. In addition, the employee must have a PE, FM, FC, or Good or better performance indicator in their current classification. Employees may nominate themselves for an MLS Level 3 (MIS Level 4) position provided they have: (1) a relevant Master's degree as defined below or in the posting; or (2) a relevant Bachelor's degree as defined below or in the posting and have been classified as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, Nurse or any combination of these for at least 5 years. In addition, the employee must have a PE, FM, FC, or Good or better performance indicator in their current classification.

Relevant degrees for MLS positions include: Business Administration, Public Administration, Human Resources, Personnel Administration, Management, Finance, Accounting, Marketing, Management Information Systems, Labor Relations, Education or the equivalent of any of these

Non-MLS Team Supervisors may bid on MLS positions at their same level not to exceed level 4, provided they have: (1) a relevant Bachelors degree; or (2) five years combined Sandia experience as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, or Nurse.

**All candidates must have at least one year Sandia service on the date of the job announcement to be eligible for consideration.**

### 94L0087/MTS - CA - Q

#### Multimedia Researcher for R. E. Cline, 8920

The Distributed Computing Department is seeking a staff member to participate in the development of interactive multimedia applications for distributed computing environments. These applications include desktop video conferencing, video servers, remote process control, and similar multimedia environments. A key approach for creating these environments is object-oriented toolkits for building applications. The successful candidate will be expected to assist in defining the vision and strategy for multimedia technology in the department, and to participate in developing internal and external projects.

Requirements for the position include a strong proficiency in UNIX, C programming language (C++ is strongly preferred), and digital video. Experience in scientific visualization is highly desirable. Candidates should have an advanced degree in a science, engineering, or computational area with experience in the integration of computing technology to solve large-scale problems. Candidates should also have a demonstrated capability to develop projects, work successfully as a team member, communicate verbally and in writing, and possess a willingness to take ownership of and execute tasks.

*Jobs continue on next page*

**94L0088/MLS - CA - Q**

**Senior Budget Analyst (Level 5) for  
D. N. Nissen, 8642**

Environmental Protection Dept. 8642 consists of the Waste Management, Environmental Remediation, Waste Minimization and Asbestos Abatement Compliance Programs for the Sandia/CA site.

These programs need a senior budget analyst to be responsible for all business/administrative tasks within the department. These tasks include budget/financial oversight and management of the associated records, assisting in the baseline preparation process and ensuring that the baseline is maintained, assisting with the placement of contracts/task orders, and ICOs.

The successful candidate must have a degree in business administration or related field (MBA preferred) and extensive experience with and knowledge of the Sandia budgeting, financial, and procurement systems. Knowledge of DOE policies on budgeting, accounting, and audit obligations is also required. Good verbal and written communication skills are necessary, as is a demonstrated ability to work effectively with personnel at all levels both within and external to Sandia. A demonstrated ability to meet deadlines is critical. Some travel required.

**94A0836/MLS - NM - Q**

**Technical Art Specialist (Level 5) for  
D. M. Knippel, 12610**

The Laboratory Communications Department creates publications and presentations for Labs-wide use.

The primary responsibilities of the senior artist position include management of large graphic design, illustration, and presentation graphics projects that have labs-wide impact. The successful candidate must have a degree in art, fine arts, or graphics design as well as extensive professional experience. A graduate degree in art or design is preferred. Knowledge of theory and technique related to traditional printing, photography illustration, graphic design, and visual communication is mandatory. Also required is mastery of Macintosh-based publishing hardware and software. A thorough understanding of Sandia programs and strategic goals, as well as experience in providing executive management support, is also mandatory for this senior position. Formal experience in university-level teaching and/or professional-level critiquing and coaching is preferred.

Candidates should be prepared to show a portfolio outlining the breadth and depth of their experience. Qualified bidders will be competing against an individual currently in a related position.

**94A0835/MTS - NM - Q**

**Code Developer/Analyst for J. M. McGlaun, 1431**

Computational Physics R & D Department 1431 develops and applies advanced computer codes. We are developing arbitrary- Lagrangian-Eulerian solid dynamics codes for ICF and defense applications. Our CTH Eulerian shock-physics code solves production calculations on Sandia's massively parallel computers and has over 130 external users. We are part of a multi-industry team developing parallel hp-adaptive finite element algorithms under the sponsorship of DOE's High Performance Parallel Processing initiative. We are expanding into new areas such as economics modeling and developing codes to support the oil industry.

An opening exists for a software developer/analyst. The developer will be part of industry and government teams, develop new codes and algorithms in C++, move codes to parallel computers, support users, and apply the codes. The developer will learn new phenomena to support customers, conduct a program of independent research, and learn how to use new computers.

Candidates must have experience developing high-performance numerical software. Candidates should have an advanced degree in engineering or applied science. Experience in developing numerical software in C++ and C is desired. The successful candidate must be self-motivated, must have a demonstrated capability to work directly with her/his customers, and must have a demonstrated capability to excel with minimal management oversight. Candidates must have demonstrated good communication skills. Demonstrated ability to participate in teams and lead teams is desired.

**94A0833/MTS - NM - L**

**Software Engineer for D. S. Horschel, 2161**

Intelligent Systems Department I 2161 develops prototype robotic and automated systems for environmental restoration and waste management. It is the principal developer of the Generic Intelligent System Control approach for the DOE Robotics Technology Development Program. This approach is currently being applied and extended to manufacturing production systems and is intended to support future DP production facilities.

An opening exists for a software engineer to assist in the development of generalized supervisory control software that orchestrates the operation of intelligent subsystems to produce products. The supervisor dispatches operations to subsystems based upon capabilities. Individual subsystem drivers make them conform to a standard "plug and play" interface. The software engineer will be expected to extend existing software and to develop new modules based upon requirements. Emerging standards for distributed software systems will be evaluated and adopted as appropriate. The candidate should have a strong background in C and C++ and hands on experience with software

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development processes used at Sandia. Background in distributed control systems and familiarity with associated standard development efforts would be major assets, as would be direct experience with UNIX and VxWorks environments. Appropriate in-house and external training will be provided to the successful candidate.

**94A0845/MTS - NM - Q**  
**Center ES&H Coordinator for**  
**V. Gabbard, 2707**

The Engineering Support Center provides development testing, field test capability, design services, and technology integration support to laboratory, government and industry customers. Development testing services include environmental simulation, electromagnetic analysis, nondestructive testing, and modal and structural dynamics. Field testing facilities include the Burn Site, Aerial Cable, Sled Track, explosives testing areas and the Tonopah Test Range. Many of the testing support services involve intrinsic hazards of energetic materials, radioactive sources, toxic chemicals, and industrial accidents.

A center ES&H coordinator position to perform essential overview and support for these hazardous activities is available. This support includes dissemination of ES&H information and requirements to management and staff, root cause analysis of occurrences and accidents, conduction of self-appraisals, external audits and management surveillance activities, coordination of corrective actions, tracking and publication of metrics, and risk management of center test activities. This position also performs NEPA assessments for test activity and develops safety assessments for major facilities. The individual selected for this position will also coordinate with other corporate organizations to continue Center 2700 implementation of Conduct of Operations.

Candidates should have a technical degree in engineering and have work experience with facilities/activities having the hazards described above. This position also requires demonstrated interpersonal skills, excellent oral and written communication skills and a willingness to work in a team environment.

**94A0846/MTS - NM - Q**  
**Small Business Initiative Program Leader for**  
**K. D. Murphy, 4221**

Regional Economic Development Dept. 4221 is responsible for the Small Business Initiative program funded by DOE/Defense Programs. This unique technology transfer program was developed jointly with LANL, LLNL, and Y-12 to address the needs of US small business. Small manufacturers and advanced technology firms are the backbone of the US economy. New approaches to achieving dual-use technology commer-

cialization include technical assistance using value-added intermediaries, such as the NIST Manufacturing Technology Centers, US Chamber of Commerce, and the Regional Technology Transfer Centers; partnership agreements (including CRADAs) for technology commercialization with individual firms, technology alliances, and industry associations; and user facilities.

A position is available for a technical program leader to further refine and deploy a technical assistance outreach effort directed at meeting the needs of US small business firms. Duties and responsibilities include identifying and developing a network of technical assistance resources within the Laboratories, developing relationships with intermediary organizations, matching the small business needs with the Laboratories' capabilities, monitoring the progress of the small business assistance cases, negotiating small-business CRADAs, and reporting to management.

The successful candidate should have broad engineering problem-solving skills, as well as extensive knowledge of the technical capabilities of the Laboratories. Experience in working with industry, especially small businesses, negotiating skills, and interpersonal skills are required. Knowledge of Sandia's technology transfer policies and processes is desirable.

**94A0841/MTS - NM - Q**  
**Member of the Technical Staff for**  
**G. W. Kuswa, 4503**

The Applications Development Department has a newly defined responsibility to coordinate the development of new initiatives for the Laboratories. In this context, the department will develop processes, support business planning, direct funds, and track progress in new areas that focus laboratory capabilities on achievable national goals. The processes to be developed will aid in the selection, growth, and tracking of new corporate-level R&D programs that serve the national interest. There will also be opportunities to participate in other department responsibilities. We seek a creative and entrepreneurial individual with extensive knowledge of laboratory programs and broad interests that extend beyond Sandia's traditional lines of work. This selected person must have well-developed communication skills, and a keen sense of diplomacy. The team effort envisioned will involve the participation of other departments in corporate planning and within business sectors and divisions that will perform and support technical work for the new initiatives. Previous experience in marketing and development of technical programs would be a plus.

**94A0832/MTS - NM - L****Chemical Engineer/Chemist for H. P. Stephens, 6212**

The staff of Process Research Dept. 6212 performs research related to the production and utilization of liquid fossil fuels, and the development of catalysts and ion-exchange materials for a wide range of energy and environment program applications. Included in the department's portfolio of projects are thermally stable jet fuels, crystalline silicotitanate materials for radwaste cleanup, coal liquefaction, refining of coal-derived liquids, and development of catalysts for emissions control and hydrocarbon conversion processes. An opening exists for a chemical engineer or chemist to perform research and coordinate the technical efforts for the advanced thermally stable jet fuels and crystalline silicotitanate materials projects. The candidate chosen for this position will conduct research for the evaluation of 1) crystalline silicotitanates and other materials for radwaste, industrial, and environmental applications, and 2) advanced instrumentation for determining the properties and stability of hydrocarbon fuels. The successful candidate will also coordinate these efforts with the efforts of personnel within Department 6212, other Sandia organizations, and industrial partners.

A creative scientist and project leader who is willing to work with an enthusiastic and innovative team is sought for this position. Candidates must have an advanced degree in chemical engineering, chemistry, or a related field. Experience in managing projects, working with industrial companies, and familiarity with materials and instrumentation/sensors research is desirable. Because this position will involve reporting results to DOE and other program managers, at scientific meetings, and in reports, candidates are expected to possess effective communication skills.

**94A0843/MTS - NM - Q****Software/Network Engineer for M. E. Mefford, 13913**

The Central Computing Production Support Department has the responsibility for providing first-level troubleshooting support and tools for managing and operating the Sandia-wide networks.

An individual is required to assist in development of new capabilities in the area of network management for the Network Management and Operations Project. Currently, there are capabilities in place to do basic network monitoring with limited management. There is a need to enhance this capability to provide better management to a greater number of control centers containing a greater number of network devices. This will be done by integrating or developing and integrating point solutions with our current system.

Candidates must have a working knowledge of TCP/IP networking, the C programming language, UNIX system-level programming, and basic X/MOTIF programming. Knowledge of the Simple Network Management Protocol (SNMP) is desirable. The successful candidate must be able to demonstrate success in teamwork, problem solving, and personal communication skills (both oral and written).

**94A0831/MLS - NM - Q****Business Systems Task Leader (Level 5) for J. J. Danneels, 6901**

The Energy and Environment Sector Office facilitates the strategic development and management of programs in the Energy and Environment Sector. The sector serves a variety of customers across DOE, the Nuclear Regulatory Commission and other federal agencies, and private industry. A task leader is needed to assume responsibility for documenting and improving sector business processes. This position requires an individual with a strong quality orientation and skills in project management, process analysis and communications.

The successful candidate must have demonstrated the ability to plan, develop, and lead projects, have experience in process analysis, have excellent written and verbal communications skills, and familiarity with various PC software packages. The individual must be proactive in working with management and staff across the laboratories to develop systems and processes responsive to the needs of the Energy and Environment Sector. Broad knowledge of the laboratories (as well as the Energy and Environment Sector), familiarity with administrative systems and procedures, and MIS training and experience is desirable. The ability to function successfully as a member of a team in tackling a variety of assignments, often under severe time constraints, is essential. Qualified bidders will be competing against an individual currently in a related position.

**Advancement Opportunity**

The following position is open to any employee with suitable qualifications and interests, including those wishing to move laterally within the given classification, except that trainees may not move laterally until after completion of training. Candidates must have at least six months of Sandia service on the date of the job announcement to be eligible for consideration. Where there are more than 10 candidates, interviews may be restricted to those 10 or so who seem to be best qualified according to personnel records.

#### **94L0089/ASA-C-CA - Q**

##### **Program Budget Administrator for J. C. McMichael, 8305**

The Program Budget Administrator will report to the Manager, Operations Department in the Center for Combustion/Materials Science/Technology, and will be responsible for 8300 Center support in such areas as budgeting, program planning, procurement and logistics.

The 8300 Center Administrative Assistant will perform the following functions: prepare, analyze, maintain and manage the center budgets; act as a troubleshooting resource for center staff regarding fiscal and administrative matters; participate in and support performance and salary review processes; advise center management of administrative issues and concerns; perform special studies and prepare documentation as required; assist in the awards and recognition program; collect and analyze information to determine trends, make forecast and provide sound recommendations to management and staff.

Because the person in this position will be afforded considerable latitude in carrying out the assigned duties, the successful candidate should possess a good knowledge of, or the demonstrated desire and ability to learn quickly, Sandia administrative and financial systems. The successful candidate must also be proficient in the use of computers, especially as they relate to laboratory information systems, and the use of Microsoft software. Excellent written and oral communication skills must be demonstrated and the candidates must be comfortable with tight deadlines and competing priorities. In particular, excellent interpersonal skills are required in proactively dealing with all responsibilities.

#### **94L0090/MA I-CA - L**

##### **Secretary for L. A. Houston, 8526 (Actg.)**

Department 8526 consists of a Diversity team, which supports Diversity and EEO/AA initiatives, and a Development team, which provides training and organizational effectiveness programs. The Diversity team is seeking an MA I Secretary to participate in these activities, as well as to provide support to the Department Manager. The person who fills this position must be available to: respond to inquiries, provide information and make referrals; prepare reports, correspondence and graphic presentations; schedule and organize activities; and maintain files and records. In addition must also be able to handle time cards, travel arrangements, vouchering, and various other responsibilities. Limited travel may be required.

The selection will be based on demonstrated abilities to:

- handle confidential personnel issues and data
- work with individuals of diverse backgrounds
- team with coworkers and other groups
- identify problems and recommend solutions
- organize files, reports, and presentation materials
- independently initiate, prioritize and complete multiple tasks
- use PC word processing, spreadsheet, and database programs

- communicate verbally and in writing
- complete time cards, travel arrangements and expense vouchers with timeliness and accuracy

Familiarity with Diversity/EEO/AA/Development programs and the indirect budget are desirable.

A participatory process will be used for this selection.

### **Disposition of Past Openings**

#### **Management:**

- 94L0082-01 MTS Manager for J. C. Crawford, 8000, filled by Jerome F. Jakubczak II, 8006
- 94A0627-01 MTS Manager for D. E. Ellis, 6300, filled by Hong-Nian Jow, 7714
- 94A0712-01 MLS Manager for M. J. Eaton, 13100, filled by Carol D. Harrison, 7900

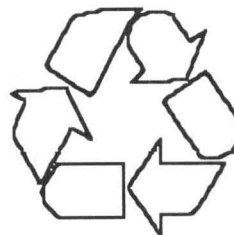
#### **Staff:**

- 94A0592-01 MTS Software Engineer for D. E. Carroll, 9421, filled by Ronnie L. Hospelhorn, 2346
- 94A0592-02 MTS Software Engineer for D. E. Carroll, 9421, filled by Randy S. Longenbaugh, 6313
- 94L0077-01 Member of Lab Staff for J. Vitko, 8102, filled by Carl A. Skinrood, 8601
- 94A0711-01 Member of Lab Staff for E. E. Saucier, 3512, filled by Stephen C. Armistead, 3512
- 94A0711-02 Member of Lab Staff for E. E. Saucier, 3512, filled by Susan A. Swanback, 3512
- 94A0682-01 Member of Lab Staff for W. C. Potter, 12810, filled by Richard W. McLendon, 12810
- 94A0682-02 Member of Lab Staff for W. C. Potter, 12810, filled by John L. Mounho, 12810
- 94A0693-01 Member of Lab Staff for C. W. Filip, 10407 filled by Susan H. Compton, 12300
- 94A0693-02 Member of Lab Staff for C. W. Filip, 10407, filled by Nancy R. Vermillion, 12140

#### **Vacancies Withdrawn:**

#### **Staff:**

- 94A0672-01 MTS Electrical Engineer/Systems Analyst for D. D. Carlson, 6411



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 Sandia National Laboratories

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# Sandia/California Weekly Bulletin



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## **"TNT Daily" will begin on October 3**

TNT stands for Sandia/CA: Today & Tomorrow. It is a convenient electronic way for you to send an announcement via cc:Mail which will be combined with other announcements and published on e-mail. It is the best way to distribute information to the CA site for bulletins, newsletters, presentations and other general interest announcements previously routed by paper. It begins Monday, Oct. 3.

Anyone on cc:Mail can prepare an announcement consisting of a subject, abstract and optional article, and send it to a special cc:Mail address for processing. On the specified publication date, that day's subjects and abstracts are combined to form a single cc:Mail message called the "TNT Daily," which is sent to everyone on cc:Mail and Unix. In addition, a single printed copy of the subjects and abstracts will be distributed to organizations for posting or routing. The entire announcement will be available in the cc:Mail bulletin board #TNT Daily Announcements.

Detailed information on TNT and instructions for using it are attached to this *Weekly Bulletin*. They are also in cc:Mail bulletin board #CA Electronic Forms under the title of TNT Announcement Instructions/Examples. If you have any questions, please call the Public Affairs & Employee Communications Office on 4-3887.

(RLF:8525)

## **Lunch-n-Learn date change**

The Oct. 14 Sandia/CA Lunch-n-Learn, "Understanding Customers and Their Requirements," announced in the Sept. 19 *Quality News*, has been moved to Friday, Nov. 11. To reserve space, call 4-1293 or send a fax to 4-1385.

(MK:8007)

## **Personnel and Employee Resources to be off-site September 27 - 29 – a reminder**

Personnel and Employee Resources Dept. 8522 will be off-site attending a three-day class from Tuesday, Sept. 27, through Thursday, Sept. 29. If you have any personnel or benefits related business to transact, please contact the appropriate staff person by Sept. 20, so that they can plan their time to meet your needs. Bev Kelley, 4-2251, Holly Stryker, 4-2126, and Marge York, 4-2242, will check their Audix for messages during breaks and at lunch on those three days, to respond to any urgent questions. Your understanding and cooperation is sincerely appreciated.

(MJY:8522)

## **"Shadow a Sandian" Day**

Sandia/CA is sponsoring "Shadow a Sandian" Day Friday, Nov. 11.

This is your opportunity to expose your children, male or female, grades 3-12, to Sandia/CA's diverse environment. It affords the children an informational adventure in learning about careers in science, mathematics, engineering and a multitude of job related possibilities.

Watch your mail for registration packets. For further information please contact Thespina Bernard, Chairperson (8523), on 4-2939.

(TM:8535)

## **New dialing plan – a reminder**

As of October 1, the number "7" will be used rather than "8" for initiating outgoing calls. You can start using the "7" now. It would be a good idea to start changing your speed calling numbers on your telephone and facsimile machines now, so that they will be correct when the change goes into effect.

(PL:8910)

## **Ross Aviation change – a reminder**

Due to cost increases, effective October 1, Ross Aviation will no longer be making weekly runs to the Naval Air station in Alameda. Beginning October 4 Ross will pick up and deliver every other Tuesday. Shippers must be received in Traffic (8532), MS 9281, by 4 p.m. on Wednesday in order to make the following Tuesday Ross shipment. Please schedule your shipments accordingly. If you have any questions regarding this change, contact Grace Miranda on 4-3176.

(GM:8532)

## **Weekly Bulletin**

The *Weekly Bulletin* for SNL/California is prepared by Public Affairs and Employee Communications 8502, and is distributed to all employees. General items for the *Bulletin* must be approved by the concerned manager and should be directed through Carole Price (8535), MS 9021, 4-2929, or fax 4-2196. Job postings must be approved by the appropriate-level managers, an authorized derivative classifier and OPSEC. Deadline for submitting final copy to 8502 is noon on Tuesday for announcements at the California site, and noon on the preceding Friday for inclusion in the SNL/New Mexico *Bulletin*.

(JAC:7162/PNS:8500)

## Location and phone changes

Richard Beckmann (9291) has recently returned to Albuquerque from temporary assignment at the Pentagon. His new location is Building T-19, Room 4, MS 0567. His telephone number is 9-4-4188 and his fax number is 9-4-6067. (RB:9291)

## Cautions for Sandians using the Internet – a reminder

The Internet is a world-wide network of loosely connected computer terminals and networks that is accessible to anyone anywhere with a computer and a modem or network interface. Increasingly, Sandians are using the Internet as a convenient tool for communicating with colleagues throughout industry and at universities. Vast amounts of useful information are available on this network. However, some information is not appropriate for access or storage on Sandia computers. The discovery of pornographic materials on a computer at Lawrence Livermore National Laboratory has heightened awareness of waste, fraud, and abuse issues within the DOE complex.

To ensure proper use of Sandia computers, we are asking computer users and security officers to review and verify that all computer files are appropriate and related to Sandia work. Reviews should be conducted as soon as possible.

Inappropriate files may be acquired inadvertently with work-related information, including legitimate software. For example, it has recently been discovered that some distributions of GNU emacs, a powerful text editor, contain inappropriate files. If you receive an inappropriate file, remove it from the computer system and report the incident to Computer Security so other users may be notified.

Bulletin board and e-mail messages may also be received with attachments containing inappropriate or offensive material. Again, remove such material from your system and let the sender know that it is not appropriate. If such messages continue, notify your management or the Computer Security Department.

Remember, all Sandia computer systems are for official use only, and using them for unauthorized purposes such as games, pornographic images, personal business, etc., may result in penalties ranging from time off without pay to termination.

If you have questions regarding what may constitute inappropriate use of Sandia computer systems, please contact Gary Blair (8910) on 4-3819 at Sandia/California, or Doug Brown (13921) on 9-5-8699 or Craig Jones (13903) on 9-5-8372 at Sandia/New Mexico. (DCJ:13903/PWD:8910)

## Weekly Bulletin submission hints

Following are a few helpful hints when submitting items for publication in the *Weekly Bulletin*. If you have questions about submitting items, please call Carole Price (8535), MS 9021, on 4-2929 or Public Affairs & Employee Communications (8502), MS 9111, on 4-3887. It would also assist us if you could submit your items via cc:Mail to Carole Price or Troy Mickle.

The *Bulletin* is a collection of brief, concisely written announcements of importance to Sandians. Two short (100-word) paragraphs is a reasonable maximum length for items submitted. Please help us save paper by keeping items brief.

Submit only the most meaningful information, and then include a name and phone number to call for Sandians who need more details. You may want to prepare a detailed information sheet to send to Sandians who respond to the *Bulletin* announcement.

Do not use internal headings (such as, "Course Description" or "Course Topics" followed by a detailed list). For the *Bulletin*, one major heading is sufficient. The announcement itself should be in paragraph form, written in order of importance.

Submissions should involve a change or deviation from the norm. If information has been published and is available to Sandians elsewhere, don't "re-publish" the details in the *Weekly Bulletin*. The purpose of the *Bulletin* is to alert Sandians about events and opportunities, not provide details.

Occasionally things do happen at Sandia that justify publishing more than the usual amount of detail. If something's truly important to employees and it isn't practical to publish the information elsewhere, contact us and we'll be glad to help you.

Help us help you: Public Affairs & Employee Communications (8502), must submit the *Weekly Bulletin* to the print shop by 3 p.m. on Thursday if it is more than 10 pages. Meeting our deadline is sometimes tough, especially if most items come in at the last minute. Items must be retyped, edited, and then formatted. Your cooperation in submitting items before the Tuesday noon deadline will help us do a better job for you. (BLS:8502)

## Job Opportunities

### SELF NOMINATING PROCEDURES:

Regular on-roll employees may nominate themselves for openings or withdraw their bid on a vacancy by calling the Internal Job Vacancy Line on 9-5-7958 between 5 a.m. and 5 p.m. (PST) and giving the following information: social security number, birth month and day, and the vacancy number of the job. Please record the bid number provided when the bid is accepted. This number will be required to withdraw the bid. **ALL NOMINATIONS MUST BE IN BEFORE NOON ON THE SPECIFIED DEAD LINE DATE.**

Employees on travel, vacation, sick leave, etc., during the entire posting week may bid by asking someone else to call in their bid (by proxy) or by calling their Personnel Representative immediately upon their return. No other action is necessary unless required by the given listing. To be considered, candidates must meet all requirements specified in the listing. Candidates will be selected on the basis of merit without regard to race, color, religion, gender, sexual orientation, national origin, age, or personal disability (need for reasonable accommodations should be directed to your personnel representative, Department 8522).

**All nominations for these job opportunities must be in before 12 noon, Monday, October 3, 1994.**

#### Note:

**Employees may be eligible for positions outside of their classification. Furthermore, the eligibility requirement policies can change. Therefore, employees must be sure to review all eligibility requirements as well as all available positions to determine their job opportunities.**

### Management Vacancies

Managers may nominate themselves, or be nominated by their director (see procedures below), for consideration for any manager vacancy within their job classification (MLS/MTS), regardless of pay grade, by following the above Self-Nominating Procedures. Program/project managers (equivalent to manager positions) may nominate themselves for lateral movement to functional managers and vice versa. Individuals who, prior to restructuring (effective April 1, 1992), were division supervisors and are now team supervisors or team leaders, may also nominate themselves for all manager positions within their job classification. Qualified MTS and MLS personnel may only nominate themselves for team supervisor positions. **All other candidates must be nominated by a department, program, or project manager for MTS and MLS management positions.** Department, program and project managers may nominate qualified candidates for manager and team supervisor openings on a promotional basis by:

- **Calling 9-5-7958 and giving the following information: vacancy number and the candidate's name, social security number, and organization;**
- **Immediately sending a promotional nomination memo containing the vacancy number, posting date, and candidate's name, classification, social security number, and organization to 8522/MS 9111 (3533/MS 1023).**

**All nominations must be in before noon on the above specified deadline date.**

#### 94A0851/MTS - NM - Q

**Manager for J. R. Kelsey, 9600**

The Advanced Vehicle Development Department conducts system integration and advanced technology development, as needed, to solve problems associated with critical needs for a wide range of customers including DOE, military, and commercial partners. While mobile robotics has been a focus of the department for several years, the department maintains an extensive robotic fleet and is located at the Robotic Vehicle Range, about a mile from Tech Area I. The department's strength is the maintenance of a strong interdisciplinary team which can solve a wide range of problems with appropriate technologies. A manager is needed to lead the staff to exploit new opportunities, specifically in the area of advanced transportation technologies for the U. S. Department of Transportation.

The successful candidate should have a broad technical background, an ability to lead a diverse team, and demonstrated vision to identify and solve national problems. Experience with remote facilities and their special ES&H problems, with military-related projects, and with private sector cooperation would be helpful. The manager will be required to maintain relationships with Sandia's research organizations and to draw upon their skills as necessary to field appropriate solutions to national problems. The selection process will involve interviews with a staff/manager team that reports to the director.

### MTS and MLS Vacancies

Employees classified as MTS and MLS may only nominate themselves for consideration within their classification. Those classified as MTS or MLS may be considered for movement between these classifications with a nomination letter from their director (education, experience, skills and other factors relevant to the vacancy are appropriate consideration in such cases). Movement between MTS and MLS classifications requires approval by Personnel. Advancement of MLS from Level 2 to Level 3, or Level 3 to Level 4 requires at least two years Sandia service at the prior level. Advancement to Level 5 requires at least two years at Level 4, (however, when the position is part of a multi-level job family and the candidate does not meet the eligibility requirements for movement to Level 5,

*continued on next page*

they may be selected at Level 4). Candidates must have a PE (not valid for movement to Level 5), FM, or CE for the last performance review, and at least one year Sandia service on the date of the job announcement to be eligible for consideration.

Employees classified as TA or STA may nominate themselves for consideration for relevant MTS position(s) described below, provided that they have: (1) a Bachelor's or Master's degree in Engineering (this does not include BS in Technology [BST, BET, BEET, MET, EEET, etc.], Computer Science, or an appropriate field as defined in the posting; and (2) three years of Sandia experience as a TA or STA that demonstrates the ability to perform at the MTS level.

Employees may nominate themselves for an MLS Level 2 (MIS Level 3) position provided they have: (1) a relevant Bachelor's degree as defined below or in the posting; or (2) have been classified as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, Nurse or any combination of these for at least 5 years. In addition, the employee must have a PE, FM, FC, or Good or better performance indicator in their current classification. Employees may nominate themselves for an MLS Level 3 (MIS Level 4) position provided they have: (1) a relevant Master's degree as defined below or in the posting; or (2) a relevant Bachelor's degree as defined below or in the posting and have been classified as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, Nurse or any combination of these for at least 5 years. In addition, the employee must have a PE, FM, FC, or Good or better performance indicator in their current classification.

Relevant degrees for MLS positions include: Business Administration, Public Administration, Human Resources, Personnel Administration, Management, Finance, Accounting, Marketing, Management Information Systems, Labor Relations, Education or the equivalent of any of these

Non-MLS Team Supervisors may bid on MLS positions at their same level not to exceed level 4, provided they have: (1) a relevant Bachelors degree; or (2) five years combined Sandia experience as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, or Nurse.

**All candidates must have at least one year Sandia service on the date of the job announcement to be eligible for consideration.**

#### **94L0091/MTS - CA - Q**

**Education Outreach Coordinator for  
K. P. Scott, 8528**

Sandia National Laboratories has a DOE-directed mission of assisting in the mathematics and science education in U.S. elementary, secondary, and post-secondary schools. The Education Outreach Department 8528 has the responsibility of utilizing the technical resources (people, programs and facilities) of the California site to meet that goal.

An individual is needed to develop and manage projects in

Sandia/CA's Education Outreach Department. The successful candidate will be responsible for projects associated with Sandia research (e.g., global warming) and technologies (e.g., Internet); develop and coordinate student programs; and share Sandia's technical expertise with teachers through institutes and workshops. All projects are coordinated with national, state and local education organizations.

The successful candidate may also have responsibilities in existing programs such as the Science/Math Carnival or the Bay Area Science and Technology Collaboration (BASTEC).

Candidates must have an advanced degree in science or engineering, and familiarity with Sandia/CA technical programs and organizations. The successful candidate must possess a high level of independence, initiative, and ability to team with others. Candidates will be judged against demonstrated commitment to Sandia corporate values; excellent presentation and interpersonal (clear and concise verbal and written) skills; ability to conceptualize projects based on broad guidelines; and a personal support of our Education Outreach mission. There will be a moderate amount of travel.

#### **94A0860/MTS - NM - Q**

**Corrosion Scientist/Engineer for W. R. Cieslak, 1832**

The Mechanical and Corrosion Metallurgy Department 1832 serves a wide variety of customers from within and outside of Sandia. The department performs research, development, and applications engineering for weapons, energy, and other reimbursable customers. Ongoing projects involve studies of the corrosion, mechanical behavior, and tribology (friction and wear) of metals. The corrosion initiative presents a growth opportunity for the department. We would like to expand our programs in non-aqueous corrosion and environmental cracking, while continuing support of aqueous and atmospheric corrosion.

In order to take advantage of this opportunity, we need an individual with demonstrated expertise in corrosion metallurgy. An advanced degree in metallurgy or materials engineering/science is required. The candidate shall have demonstrated expertise in performing laboratory corrosion research, along with an ability to solve engineering problems and perform failure analyses in corrosion. Experience in non-aqueous electrochemical processes is required. To support growth of our customer base, experience managing programs and partnering with other federal agencies and U.S. industries is critical. Responsibilities will include experimental laboratory work, teaming with the manager and staff to identify and pursue new business, and interfacing with our new and old customers. The successful candidate will have demonstrated excellent interpersonal skills and written and oral communication skills. Moderate travel will be required.

**94A0861/MTS - NM - Q****Electrical Engineer for Photovoltaics (PV) for Military Applications for C. P. Cameron, 6218**

This program assists DoD with the implementation of PV power systems at military facilities. A position exists for an engineer to provide technical support to the DoD personnel responsible for the procurement of these power systems. The successful candidate will be a member of a three-person team and will act as an advisor to Sandia's DoD customers in all stages of system implementation. The individual will help develop system specifications and statements-of-work, evaluate proposals, and perform site evaluations to characterize loads and validate system performance. The successful candidate will be required to develop in-depth knowledge of all system hardware (including photovoltaics, batteries, power processing, engine generators, and electrical distribution) to be able to provide sound technical advice.

The effectiveness of the advice provided by Sandia is directly proportional to the strength of the relationship between Sandia and the customer. The successful candidate must possess strong interpersonal skills and must be willing to develop effective working relationships with Sandia's DoD customers in an advisory role. The successful candidate should have an advanced degree in electrical engineering or equivalent experience. Expertise in computer modeling is desirable as well as field work experience and expertise in the system hardware mentioned above. Moderate travel will be required.

**94A0852/MTS - NM - Q****Project Leader for L. E. Shephard, 6302**

The Office of Civilian Radioactive Waste Management is evaluating the importance of spent fuel burnup credit as it develops requirements for radioactive waste storage and transportation. Sandia has played a strong leadership role in developing a technical topical report in this area and will continue to support a coupled experimental and analyses program to continue to address this topic. A technical project leader is required to support these efforts and to provide the appropriate technical leadership and direction required to move these efforts forward. A degree in mechanical or nuclear engineering, engineering science and/or equivalent experience is required. A health physics background and/or nuclear analysis experience is desirable and specific experience in nuclear criticality safety would be advantageous. Familiarity with environmental and licensing requirements for the safe handling and transportation of radioactive materials is also desirable.

The project leader will have the responsibility for organizing, coordinating and leading diverse technical teams which are heavily matrixed with organizations internal and external to Sandia National Laboratories. As project leader, you will have responsibility for implementing all customer

requirements including technical, project control, and quality assurance. The project leader will interact frequently with our primary customer and have the opportunity to represent our program utilizing various communication skills in many different forums.

**94A0857/MTS - NM - Q****Root Cause Analysis Program Leader for P. D. Yourick, 7311**

The Emergency Management and Operations Evaluation Department 7311 is responsible for the Emergency Management, Occurrence Management, Lessons Learned, Performance Indicators, and Root Cause Analysis programs. These programs serve as the basis of the department's mission related to preparedness, response, reporting, and prevention of emergencies and other unplanned events.

A strong leader is needed to continue improvement of SNL's Root Cause Analysis (RCA) program and procedure, to provide training in RCA process, and to facilitate RCA teams. The selected candidate will maintain a strong interface with the other programs in the department, the ES&H assessment programs, line facility managers/designees, and ES&H professionals.

The successful candidate must have a degree in an ES&H or engineering-related discipline. Experience with SNL's RCA process is highly desired and experience with other RCA or investigation techniques would be helpful. Experience in developing and delivering training is required. Demonstrated experience in project management fundamentals, especially prioritizing, scheduling, budgeting, documentation and teamwork, is required. Knowledge of and experience with SNL's ES&H programs and issues is desired.

**94A0862/MTS - NM - Q****Software Test System Designer for E. A. Disch, 12365**

Test Equipment Dept. 12365 is responsible for design, development and maintenance of weapon test systems used in New Material and Stockpile Evaluation Programs. This activity requires close interaction with other tester design engineers, liaison with the system evaluation engineers and involvement with component and system design engineers. This position requires a software design engineer who will work in a team environment to arrive at a concept for testing, develop software, perform checkout, and install the test system at the Weapons Evaluation Test Laboratory at Pantex, Amarillo, Texas. The selected individual will be part of a team delivering a new tester architecture for stockpile evaluation based on a VXI 68030 processor and incorporating a real-time operating system, VxWorks.

The candidate should have an advanced degree and broad software engineering background with experience in embedded processor software design using high-level C and C++, and assembly languages for test control

*continued on next page*

and data acquisition. In addition, the position requires knowledge and use of SUN workstations and UNIX or UNIX-like operating systems. A working knowledge of software development tools (CASE) and the Sandia software development guidelines is desirable. The ability to communicate, both written and orally, effectively with peers and management is essential. Some travel is required.

#### **94A0847/MTS - NM - Q**

##### **Project Leader for R. N. Harris, 13215**

The Integrated Engineering Information Technology Department 13215 deploys and supports information technology in support of product realization activities at Sandia. Specifically, we will be supporting the corporate architecture design and establishing systems to support Sandia's new production mission.

A position exists for a project leader to join an enthusiastic task-oriented team. The successful candidate will lead a team in the deployment and administration of Local Area Networks (LANs) and application software. The LANs include Novell, UNIX, and Windows NT,--with e-mail, scheduling, and engineering software. These LANs connect to Sandia infrastructure and have custom links across the United States. The responsibilities of the project leader include customer interaction, task assignment & tracking, team building and budget tracking. This position can be a "player coach" role where the project leader will have technical hands-on opportunities.

Candidates should have networking and e-mail experience and be proficient in the operation of the Microsoft suite of PC products. Candidates must have strong verbal and written communication skills, interpersonal and teaming experience and familiarity with the Sandia budget process. Programming and systems management experience with Novell, Windows NT or UNIX are desirable.

#### **94A0848/MTS - NM - Q**

##### **Database Analyst/Programmer for R. N. Harris, 13215**

The Integrated Engineering Information Technology Department 13215 deploys and supports information technology in support of product realization activities at Sandia. Specifically, we will be supporting the corporate architecture design and establishing systems to implement Sandia's new production mission.

A position exists for a database designer & programmer to join an enthusiastic task-oriented team. The successful candidate will work directly with customers to identify requirements and develop distributed databases in support of the manufacturing initiative. This person will also participate in the implementation of the manufacturing execution system and the creation of interfaces to corporate systems.

Candidates must have strong database experience with MS SQL Server, Oracle or Ingres. Demonstrated program-

ming proficiency with Visual Basic or C as well as direct system management experience integrating Windows NT, Novell and UNIX are desired. Candidates must have strong verbal and written communication skills and interpersonal and teaming experience. Proficiency in the operation of the Microsoft suite of PC products is desired.

#### **94A0849/MTS - NM - Q**

##### **Software Analyst/Programmer for R. N. Harris, 13215**

The Integrated Engineering Information Technology Department 13215 deploys and supports information technology in support of product realization activities at Sandia. Specifically, we will be supporting the corporate architecture design and establishing systems to implement Sandia's new production mission.

A position exists for a software system integrator to join an enthusiastic task-oriented team. The successful candidate will play a primary role in planning and building a modern approach to information management and document presentation for Sandia's new manufacturing mission assignment. The use of multimedia and client server technology will be exploited. This person will develop multimedia tools in a PC Windows environment integrated with commercial manufacturing infrastructure applications.

Candidates must have demonstrated multimedia programming experience in a PC Windows environment. Demonstrated experience with Windows Help development, HTML, and Visual Basic is desirable. Proficiency in the operation of the Microsoft suite of PC products is also desired. Candidates must have strong verbal and written communication skills, and interpersonal and teaming experience.

#### **94A0854/MLS - NM - L**

##### **Senior Administrative Systems Analyst (Level 5) for B. K. Hoffman, 7601 (Two Positions)**

The Logistics Program Management Office facilitates improvements to logistics processes including packaging and transportation, reapplication, property management, storage, receiving and distribution, mail center, motor pool, and custodial operations.

The analysts will lead/participate on project teams, identify areas for improvement or redesign and provide solutions, provide reports to all levels of staff and management, and serve on the re-engineering and subcontracting committees. In addition to the above, one analyst will prepare and maintain the center operational and strategic plans, identify and collect metrics to measure progress to the plans, and design and implement a records management process and chargeback process for various logistics functions. The second analyst will also resolve staffing issues, manage the center assessment process and tracking, and provide administrative support to the director.

*continued on next page*

Candidates for this position should have a master's degree in business or related field. Demonstrated excellent communication skills and teamwork/teambuilding skills as well as experience and/or training in project management and a strong competency in PCs and software are required. Experience with Sandia's financial and human resource systems is highly desirable. Candidates must be comfortable with tight deadlines, competing priorities, and demanding customers.

#### **94A0780/MLS - NM - L**

##### **Project Coordinator (Level 2/3/4) for C. Olson, 6631**

The Environment & Transportation Program Area of the E&E Sector is responsible for management of DOE, DOT, DoD, and other programs that develop technology for transportation systems intended to move hazardous substances. Sandia has long been the lead DOE lab in this technology area. Opportunities now exist to increase the customer base for this work while at the same time improving the efficiency and quality of our work for our existing customers. An MLS position is open to support the Program Area Team (PAT). Duties include a range of program planning and analysis tasks, concentrating on customer analysis, program area operational planning, process development, and the design of explanatory briefing materials. The person in this position is expected to be a leader of the PAT program support team.

Candidates should have a sound grasp of business analysis, including budgeting, cost tracking, planning, market analysis, and process analysis and design. Training and experience in the development of business plans is very desirable. The successful candidate will demonstrate strong analysis skills, the ability to conduct business research, and a willingness to incorporate innovative techniques into her or his approach to new situations. Candidates must also be able to express their ideas clearly, both verbally and in writing.

### **Advancement Opportunity**

The following position is open to any employee with suitable qualifications and interests, including those wishing to move laterally within the given classification, except that trainees may not move laterally until after completion of training. Candidates must have at least six months of Sandia service on the date of the job announcement to be eligible for consideration. Where there are more than 10 candidates, interviews may be restricted to those 10 or so who seem to be best qualified according to personnel records.

#### **94L0092 ASA-A - CA - Q**

##### **Administrative Support for S. L. Buck, 8533-1**

The Mail Distribution Center is responsible for all incoming and outgoing documents (classified and unclassified) at the Sandia/California site and maintains the Library Document Administration System (LDAS). This team is seeking administrative support for document control duties. The person who fills this position must have a comprehensive, working knowledge of the LDAS system in order to receive, document, process, distribute, and verify for destruction classified documents; monitor document control daily transactions, handle incoming Type 2 documents (including preparation and distribution of SAND reports and other controlled documents); participate in the LDAS class curriculum development and instruction; maintain the LDAS users' manuals and the Classified Procedures Manual (CPM).

In addition to this, ability to interact with the Mail Center team, the line organization LDAS custodians, and all levels of personnel is necessary. Written and verbal skills are required for the maintenance of the manuals, routine memorandum composition, interaction with customers, and presentations at meetings and classes. Committee participation and occasional travel may be necessary to fulfill training and job requirements. Providing backup to other Document Control staff as needed is required.

In addition, the ability to prioritize work and meet deadlines; accuracy and attention to detail; and work independently with minimal supervision are necessary.

The selection will be based on demonstrated abilities of:

- experience with LDAS and classified work
- team with coworkers and other groups
- communicate verbally and in writing
- use of computers for LDAS, word processing, and presentation materials
- independently initiate, prioritize and complete multiple tasks

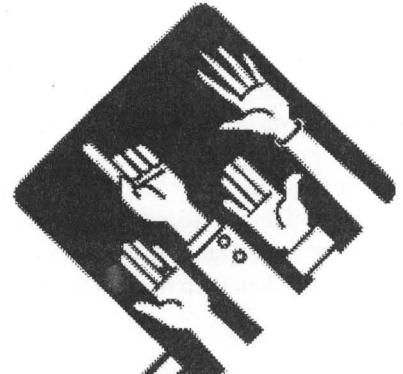
### **Disposition of Past Openings**

#### **Staff:**

- 94A0733-01 Member of Lab Staff for D. N. Bray, 10104, filled by Johnnina S. Ortega, 10104
- 94A0743-01 Member of Lab Staff for E. A. Chipman, 5501, filled by Elizabeth Scott-Patterson, 5501
- 94A0779-01 Member of Lab Staff for A. W. Nusbaum, 13213, filled by Linda J. Cusimano, 13213
- 94L0085-01 STA for G. J. Thomas, 8715, filled by Kristen D. Phillips, 8715



Kickoff October 3rd



**LEAD 1994**  
CHOOSE TO MAKE A DIFFERENCE



# Sandia/CA: Today & Tomorrow (TNT)

## Introduction

Sandia/CA: Today & Tomorrow (TNT) is a new tool for preparing and routing announcements using electronic mail. It is the preferred way to distribute information to the CA site. Announcements may be self-contained or refer the recipient to other available resources.

An announcement is composed of a subject, a short 1-3 line abstract, and an optional article which may be as long as it needs to be. TNT posts each announcement on cc:Mail bulletin board #-*TNT Daily Announcements* and combines each day's subjects and abstracts into a single cc:Mail message called the TNT Daily which is sent to everyone on cc:Mail/UNIX. This allows electronic mail users to receive information in capsule form in a single message and not have to deal with multiple paper documents or electronic messages that may not be of interest to them. The abstract in the TNT Daily will notify readers if additional information is available in #-*TNT Daily Announcements* or some other bulletin board. In addition, each day's announcements are archived to cc:Mail bulletin board #-*TNT History*.

An announcement must be sent to -*TNT Input* in cc:Mail by 2:00 p.m. to make the next publication date. Emergency announcements and last-minute changes can be phoned in to the PIO (Public Information Office) at ext. 4-3887 by 3:00 p.m.

**NOTE:** Customers on UNIX Mail will receive the TNT Daily, but will not have access to the cc:Mail bulletin boards to use the TNT template or to read articles. This access will be provided in Release 2 of TNT. In the interim, they should ask someone on cc:Mail for help. For those not on email, a printed copy of the subjects and abstracts will be sent to each department for routing/posting.

## TNT Template Instructions

Preparing an announcement is as easy as ABC:

- A. Go to bulletin board #*CA Electronic Forms* and open TNT Announcement Template.
- B. Do a cc:Mail Reply (to -*TNT Input*).
- C. Fill out the template (see below) and then Send.

### Subject

The announcement subject is entered in the first cc:Mail Subject area (the one in black, not the second one in red which appears after doing a Reply) by overkeying 'Re: TNT Announcement Template'. This subject will appear in front of each abstract in the TNT Daily.

### Keywords

There are three keywords in the TNT template, each enclosed by [ ]. Information for a keyword is entered on the next line below the keyword.

### 1. [Publication Date]

No date needs to be entered unless the announcement is for a future date. The next working day is assumed. Date must be entered as MM/DD/YY; e.g., 06/04/94 or 6/4/94.

### 2. [Abstract]

Information must be entered for the abstract since this is the part of the announcement that is mailed to everyone. An abstract should be no more than 3 lines that summarize the main thrust of the announcement. Do not use blank lines or color for emphasis in the abstract; both will be removed.

### 3. [Article]

The Article contains an elaboration of the information in the abstract. It may be blank if all the necessary information is in the abstract, or if the announcement article is on a bulletin board other than #-*TNT Daily Announcements*. If the latter, the other bulletin board must be referenced in the abstract. Color and blank lines may be used in the article.

**NOTE:** Although the template allows up to 80-character lines, all announcements will be reformatted into 70-character lines to accommodate computer monitor variations.

### Different Author and Preparer

If the author of the announcement is different from the person preparing the announcement on cc:Mail, enter this information on the first line of the abstract and article and then indent the next line which starts the abstract/article, e.g:

Announcement from John Smith:

This is the abstract/article for the announcement...

### Attachments

Do not include an attachment to the announcement itself as it cannot be processed; however, an attachment may be sent to another bulletin board and referenced in the announcement.

### Suitability for Electronic Announcement

**Appropriate announcement examples:**

Bulletins, news briefs and service organization newsletters  
References to general interest information on electronic bulletin boards  
General interest meetings and seminars  
Retirement announcements

**Inappropriate announcement examples:**

Announcements that would be printed anyway by a large number of recipients  
Limited audience announcements (use a mailing list)  
Announcements that must have complex formatting or graphics  
Personal announcements or advertisements  
Items of a sensitive nature

## Sandia CA: Today & Tomorrow (TNT)

### TNT Template Examples

Subject: Subject of announcement

[Publication Date]

[Abstract]

Information must be entered for the abstract since this is the part of the announcement emailed to everyone. This should be no more than 1-3 lines that summarize the main thrust of the announcement. Do not use blank lines or color in the abstract.

[Article]

This contains an elaboration of the information in the abstract.

No information needs to be entered if all the necessary information is in the abstract, or if the announcement article is in a bulletin board other than #-TNT Daily Announcements. If the latter, the other bulletin board must be referenced in the abstract. Color and blank lines may be used.

Subject: Order from CA General Stores via cc:Mail

[Publication Date]

10/17/94

[Abstract]

Orders may be placed with CA General Stores by using the Material Request Stores Ordering message on the #CA Electronic Forms bulletin board. See the General Stores Ordering Instructions on the same bulletin board for more information.

[Article]

Subject: Change from Limited to Property Protection Area postponed

[Publication Date]

[Abstract]

Security Bulletin from Don Charlesworth:8631

The change in a portion of our site from a classified Limited Area (LA) to an unclassified Property Protection Area (PPA) has been postponed.

[Article]

Security Bulletin SB 1294-L from Don Charlesworth:8631

The change in a portion of our site from a classified Limited Area (LA) to an unclassified Property Protection Area (PPA) (the IMTL Complex and Building 916), and the implementation of access control procedures to the PPA and individual "classified islands" designated as LAs, will not take place on the dates that were previously announced. However, it is anticipated that the change in our site will occur in the immediate future.

Security Operations will promulgate additional security bulletins to keep everyone informed prior to the new implementation date, including information on appropriate access control procedures.

Subject: Clear Choices for Clean Air presentation

[Publication Date]

8/15/94

[Abstract]

The "Clear Choices for Clean Air" presentation will be held tomorrow, Tuesday, August 16th, in the B904 auditorium from 11:30 to 12:30. Mr. Randy Wittorp will present information on air quality and the choices we face. A question and answer period will follow. Everyone is welcome.

[Article]

# Sandia/California Weekly Bulletin



Vol. 19, No. 40-L • Issued by Public Affairs & Employee Communications 8502 • October 10, 1994

## Tenth Annual Secretarial Symposium

Sandia/California's Tenth Annual Secretarial Symposium will be held on Tuesday and Wednesday, Oct. 18 and 19. The symposium will take place at the AT&T Tassajara Room located in the Visitor Center. This year's committee has several excellent speakers and activities lined up for the event. Eligible secretarial attendees should have submitted their RSVP during September. If you are attending, please arrange for your absence on that date. Please feel free to dress casually and comfortably. The Symposium Planning Committee looks forward to seeing many of their peers at this exciting networking function. (MAW:8209)

## AIHA/AWMA technical conference date changed

The Oct. 3 American Industrial Hygiene Association (AIHA)/Air and Waste Management Association (AWMA) 8th annual Technical Conference and Meeting (announced in the Sept. 19 *Weekly Bulletin*) has been moved to Monday, Nov. 7. To submit an abstract or to register, contact Mike du Mond (7575) on 505-848-0406 or send a fax to 505-848-0304.

(MLD:7575/DW:8641)

## New resource materials for ADHD support group

Christmas has come early to the Attention Deficit with/without Hyperactivity Disorder (ADHD) support group. Sandia's Employee Assistance Program has supplied us with funds to purchase videos, books and pamphlets for kids, siblings, teens, adults, parents and teachers. We tried to cover all the bases. SNL is now an official member of Children & Adults with Attention Deficit Disorder (CHADD). Come look at the wealth of materials and check some out.

If your child has been diagnosed with ADHD or you wish to simply explore the subject, join us Thursday, Oct. 13 at 12 noon in Building 905, Room 210. Visitors are welcome. Call David Rosenzweig on 4-3341 or Deana Butler on 4-3013 for escort arrangements.

This group meets the second Thursday of every month, and is recognized as an official group under the TLC program. (DB:8643)

## SEMI S2 product safety guideline course

The *Semiconductor Equipment and Materials International (SEMI) S2 Product Safety Guideline*, adopted in 1991, is a document specifically designed to address various safety related concerns for semiconductor processing equipment.

The SEMI S2 strategy is to provide a comprehensive safety evaluation of semiconductor tools and incorporate other applicable standards, codes, and regulations. Some areas of evaluation include interlocks, noise, robotics, hazard warnings, fire protection, environment, ionizing and non-ionizing radiation, ventilation and exhaust, chemicals and gases, electrical, and emergency shutdown.

Engineers and technicians involved with semiconductor processes, including ES&H specialists, can benefit by using the SEMI S2 approach to evaluate existing equipment or for products to be designed or purchased in the future. Given sufficient interest, a three-day course on how to perform SEMI S2 evaluations will be presented at Sandia/New Mexico.

A tentative course schedule is set for January, and the course will cost approximately \$1,000 per student. Please call Roger Shrouf, Safety Engineering, (7732), on 9-5-9873 or Jim Hopwood, Safety (8643), on 4-2165 before Oct. 21 to indicate interest or for more information about the course.

(WVO:8643)

## Weekly Bulletin

The *Weekly Bulletin* for SNL/California is prepared by Public Affairs and Employee Communications 8502, and is distributed to all employees. General items for the *Bulletin* must be approved by the concerned manager and should be directed through Carole Price (8535), MS 9021, 4-2929, or fax 4-2196. Job postings must be approved by the appropriate-level managers, an authorized derivative classifier and OPSEC. Deadline for submitting final copy to 8502 is noon on Tuesday for announcements at the California site, and noon on the preceding Friday for inclusion in the SNL/New Mexico *Bulletin*.

(JAC:7162/PNS:8500)

## Upcoming official visits to Sandia/NM

Announcements of official visitors to Sandia and official events will be published in the *Weekly Bulletin* as they are received from Protocol Office 12670. Because visitors' schedules may change, affected employees should verify information with the listed host.

### Visiting Sandia/New Mexico:

Tuesday, Oct. 11 – Lt. Gen. Dirk Jameson, Deputy Director for STRATCOM. Hosted by Defense Programs VP Roger Hagengruber (5000).

Wednesday, Oct. 12 – John Gibbons Director, Office of Science and Technology Policy and Assistant to the President for Science and Technology, OSTP; and Katherine Gillman, Special Assistant for Defense Conversion, OSTP. Hosted by labs President Al Narath.

Wednesday, Oct. 12 – Martha Krebs, Assistant Secretary of Energy. Hosted by VP Dan Hartley (6000).

Wednesday – Friday, Oct. 12-14 – Defense Programs Facility Safety Conference. Hosted by DOE/AL.

Thursday, Oct. 13 – Rear Adm. Richard Irwin, Chief of Strategic Systems Executive, United Kingdom, Ministry of Defense. Hosted by VP Roger Hagengruber (5000). (DP:12670)

## Training Center price adjustments for FY95

Effective Oct. 1, Corporate Training and Development and ES&H Training Service Centers will adjust their pricing for training courses. Some prices have increased, while others have decreased to reflect changing customer demand. All students taking courses after Oct. 1 are subject to the new rates.

A price list will be published for each service center in a future *Weekly Bulletin*. For additional course information, contact the training manager for each course. (BMH:3524)

## Magazine subscriptions

Magazine gift subscriptions are again available through Vulcan Services. Packets containing instructions, magazine listings and order forms will be available in the lobby of Building 911 through Nov. 30. Orders should be mailed directly to Vulcan Services.

(MJY:8522)

## Volunteers still needed for Family Day, October 22 – a reminder

Sandians willing to volunteer from one to three hours on Family Day, Saturday, Oct. 22, are asked to call 4-2932 and leave their name on the recorded line. People are needed to serve as escorts, registration table workers, greeters, refreshment servers, exhibit monitors, balloon makers, photographers, artists, as well as handle setup and teardown. Please indicate which task you are willing to handle and what hours you prefer when you call. If you have specific questions about volunteering, contact your Center representative on the Family Day Committee. (LES:8601)

## Recycling hints

### Source reduction information

Source reduction is defined as the "design, manufacture, purchase, and use of materials and products in a way that reduces their volume and/or toxicity before they enter the waste stream."

Source reduction is to garbage what preventive medicine is to health: a means of eliminating a problem before it happens.

Some ways you can help source reduction both at Sandia and at home are:

- Bring non-disposable coffee mugs to work and take them to meetings.
- If you are planning a large conference or meeting, appoint someone to be in charge of waste reduction and recycling.
- Bring a cloth napkin with your non-disposable lunch sack.
- Consider taking your old magazines to a local nursing home, hospital, or doctor's office.
- Order tape that can be placed in a metal tape dispenser.
- Stop junk mail by asking that your name be removed from bulk mailing lists by writing to the companies sending you the mail or to Mail Preference Service, Direct Marketing Association, 6 East 43rd St., New York, NY 10017-4610.



For more information about source reduction or other recycling subjects, please contact recycling coordinator Sally Raubfogel, WMM/PP Coordinator on 4-2341.

(SR:8642)

## SNL/CA Distribution for Technical Reports (correction)

In last week's *Bulletin*, the technical report distribution lists posting was for Sandia/New Mexico. SAND and technical reports issued at **Sandia/California** should have the following distribution lists. The number of copies is noted to the right of the address.

### For Unclassified *Unlimited Release* documents:

MS9022 Mail Distribution Team, 8533-1,  
for OSTI (10)  
MS9022 Mail Distribution Team,  
8533-1/Technical Library, MS0899,  
13414  
MS0899 Technical Library, 13414 (4)  
MS9018 Central Technical Files, 8523-2 (3)

### For Unclassified *Limited Release* documents:

#### Internal Distribution only

MS9022 Mail Distribution Team,  
8533-1/Technical Library, MS0899,  
13414  
MS0899 Technical Library, 13414 (4)  
MS9018 Central Technical Files, 8523-2 (3)

#### Patent Caution

MS0161 Patent and Licensing Office, 11500 (3)  
MS9022 Mail Distribution Team, 8533-1, for  
OSTI (2)  
MS9022 Mail Distribution Team,  
8533-1/Technical Library, MS0899,  
13414  
MS0899 Technical Library, 13414 (4)  
MS9018 Central Technical Files, 8523-2 (3)

#### All other *Limited Release* documents

MS9022 Mail Distribution Team, 8533-1, for  
OSTI (2)  
MS9022 Mail Distribution Team,  
8533-1/Technical Library, MS0899,  
13414  
MS0899 Technical Library, 13414 (4)  
MS9018 Central Technical Files, 8523-2 (3)

### For *Classified* documents:

(0238B) U.S. Department of Energy  
Office of Scientific and Technical  
Information  
Attn: Weapon Data Index  
P.O. Box 62  
Oak Ridge, TN 37830  
MS9022 Mail Distribution Team,  
8533-1/Technical Library, MS0899,  
13414  
(0650A) Technical Library, MS0899, 13414 (4)  
MS9018 Central Technical Files, 8523-2 (3)

Please refer to SAND Report 868054D, Guide to Preparing Unofficial Reports at Sandia/California for information on mailing and approvals. For other information or questions please call Sandra Simmons on 4-2732 or Mary O'Shea on 4-2422.

(BT:8535)

## Weekly Bulletin submission hints

Following are a few helpful hints when submitting items for publication in the *Weekly Bulletin*. If you have questions about submitting items, please call Carole Price (8535), MS 9021, on 4-2929 or Public Affairs & Employee Communications (8502), MS 9111, on 4-3887. It would also assist us if you could submit your items via cc:Mail to Carole Price or Troy Mickle.

The *Bulletin* is a collection of brief, concisely written announcements of importance to Sandians. Two short (100-word) paragraphs is a reasonable maximum length for items submitted. Please help us save paper by keeping items brief.

Submit only the most meaningful information, and then include a name and phone number to call for Sandians who need more details. You may want to prepare a detailed information sheet to send to Sandians who respond to the *Bulletin* announcement.

Do not use internal headings (such as, "Course Description" or "Course Topics") followed by a detailed list. For the *Bulletin*, one major heading is sufficient. The announcement itself should be in paragraph form, written in order of importance.

Submissions should involve a change or deviation from the norm. If information has been published and is available to Sandians elsewhere, don't "re-publish" the details in the *Weekly Bulletin*. The purpose of the *Bulletin* is to alert Sandians about events and opportunities, not provide details.

Occasionally things do happen at Sandia that justify publishing more than the usual amount of detail. If something's truly important to employees and it isn't practical to publish the information elsewhere, contact us and we'll be glad to help you.

Help us help you: Public Affairs & Employee Communications (8502), must submit the *Weekly Bulletin* to the print shop by 3 p.m. on Thursday if it is more than 10 pages. Meeting our deadline is sometimes tough, especially if most items come in at the last minute. Items must be retyped, edited, and then formatted. Your cooperation in submitting items before the Tuesday noon deadline will help us do a better job for you.

(BLS:8502)

## Job Opportunities

### SELF NOMINATING PROCEDURES:

Regular on-roll employees may nominate themselves for openings or withdraw their bid on a vacancy by calling the Internal Job Vacancy Line on 9-5-7958 between 5 a.m. and 5 p.m. (PST) and giving the following information: social security number, birth month and day, and the vacancy number of the job. Please record the bid number provided when the bid is accepted. This number will be required to withdraw the bid. **ALL NOMINATIONS MUST BE IN BEFORE NOON ON THE SPECIFIED DEAD LINE DATE.**

Employees on travel, vacation, sick leave, etc., during the entire posting week may bid by asking someone else to call in their bid (by proxy) or by calling their Personnel Representative immediately upon their return. No other action is necessary unless required by the given listing. To be considered, candidates must meet all requirements specified in the listing. Candidates will be selected on the basis of merit without regard to race, color, religion, gender, sexual orientation, national origin, age, or personal disability (need for reasonable accommodations should be directed to your personnel representative, Department 8522).

**All nominations for these job opportunities must be in before 12 noon, Monday, October 17, 1994.**

#### Note:

**Employees may be eligible for positions outside of their classification. Furthermore, the eligibility requirement policies can change. Therefore, employees must be sure to review all eligibility requirements as well as all available positions to determine their job opportunities.**

### Management Vacancies

Managers may nominate themselves, or be nominated by their director (see procedures below), for consideration for any manager vacancy within their job classification (MLS/MTS), regardless of pay grade, by following the above Self-Nominating Procedures. Program/project managers (equivalent to manager positions) may nominate themselves for lateral movement to functional managers and vice versa. Individuals who, prior to restructuring (effective April 1, 1992), were division supervisors and are now team supervisors or team leaders, may also nominate themselves for all manager positions within their job classification. Qualified MTS and MLS personnel may only nominate themselves for team supervisor positions. **All other candidates must be nominated by a department, program, or project manager for MTS and MLS management positions.** Department, program and project managers may nominate qualified candidates for manager and team supervisor openings on a promotional basis by:

- Calling 9-5-7958 and giving the following information: vacancy number and the candidate's name, social security number, and organization;
- Immediately sending a promotional nomination memo containing the vacancy number, posting date, and candidate's name, classification, social security number, and organization to 8522/MS 9111 (3533/MS 1023).

**All nominations must be in before noon on the above specified deadline date.**

#### 95L0001/MTS - CA - Q

**Manager for L. A. Hiles, 8400**

The Surety Design Engineering Department 8417 has the primary mission of providing engineering design and analysis for weapon systems surety. Current projects include stockpile stewardship of some fielded use control systems as well as advanced development of future systems.

The department is predominantly composed of electrical engineers. However, mechanical engineering and computer science are reflected in some of the activities. The department has one section, which is the Electronics Prototype Laboratory.

The department has some matrixed personnel working on a variety of WFO, DP and E&E special projects.

The successful candidate must have an advanced degree in electrical or mechanical engineering. Leadership in advancing state-of-the-art surety systems is required. The department manager will be expected to be a team member of the 8400 Center management staff.

Knowledge of and experience with surety/use control systems are desired.

Demonstrated oral and written communications proficiencies are required.

Some travel is required.

#### 95A0023/MLS - NM - Q

**Manager (Level 6) for D. G. Hoffman, 7600**

The Receiving and Distribution Services Department consists of two teams of 70 employees who receive, distribute, and deliver purchased products and mail at Sandia/NM and off-site leased locations.

A manager is needed to lead this department and ensure compliance and continuously improve service in an environment of increasing requirements and declining resources. This department handles both classified and unclassified information, receives and distributes product including hazardous material, and establishes processes to comply with DOE, DOT, and Postal Service regulations. Some of the immediate challenges for this position include reducing injuries, serving new facilities, measuring process performance, and implementing system improvements.

Candidates must have demonstrated excellent communication, interpersonal, teaming, and problem-solving skills.

Candidates should have success in team-

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building with represented employees, implementing continuous quality improvements, and demonstrating SNL values and leadership attributes. Experience providing services to a wide customer base and supervising a large number of represented employees is desirable. This position is currently filled by an acting manager, and a participative selection process will be used.

### MTS and MLS Vacancies

Employees classified as MTS and MLS may only nominate themselves for consideration within their classification. Those classified as MTS or MLS may be considered for movement between these classifications with a nomination letter from their director (education, experience, skills and other factors relevant to the vacancy are appropriate consideration in such cases). Movement between MTS and MLS classifications requires approval by Personnel. Advancement of MLS from Level 2 to Level 3, or Level 3 to Level 4 requires at least two years Sandia service at the prior level. Advancement to Level 5 requires at least two years at Level 4, (however, when the position is part of a multi-level job family and the candidate does not meet the eligibility requirements for movement to Level 5, they may be selected at Level 4). Candidates must have a PE (not valid for movement to Level 5), FM, or CE for the last performance review, and at least one year Sandia service on the date of the job announcement to be eligible for consideration.

Employees classified as TA or STA may nominate themselves for consideration for relevant MTS position(s) described below, provided that they have: (1) a Bachelor's or Master's degree in Engineering (this does not include BS in Technology [BST, BET, BEET, MET, EEET, etc.], Computer Science, or an appropriate field as defined in the posting; and (2) three years of Sandia experience as a TA or STA that demonstrates the ability to perform at the MTS level.

Employees may nominate themselves for an MLS Level 2 (MIS Level 3) position provided they have: (1) a relevant Bachelor's degree as defined below or in the posting; or (2) have been classified as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, Nurse or any combination of these for at least 5 years. In addition, the employee must have a PE, FM, FC, or Good or better performance indicator in their current classification. Employees may nominate themselves for an MLS Level 3 (MIS Level 4) position provided they have: (1) a relevant Master's degree as defined below or in the posting; or (2) a relevant Bachelor's degree as defined below or in the posting and have been classified as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, Nurse or any combination of these for at least 5 years. In addition, the employee must have a PE, FM, FC, or Good or better performance indicator in their current classification.

Relevant degrees for MLS positions include: Business

Administration, Public Administration, Human Resources, Personnel Administration, Management, Finance, Accounting, Marketing, Management Information Systems, Labor Relations, Education or the equivalent of any of these

Non-MLS Team Supervisors may bid on MLS positions at their same level not to exceed level 4, provided they have: (1) a relevant Bachelors degree; or (2) five years combined Sandia experience as an ASA-C, STA, TA, Team Supervisor, Executive Secretary, or Nurse.

**All candidates must have at least one year Sandia service on the date of the job announcement to be eligible for consideration.**

### 95L0002/MTS - CA -Q

#### Systems Analyst for R. J. Gallagher, 8114

Systems Studies Department 8114 has an opening for a Systems Analyst interested in providing study support to new Sandia programs. Experience in systems analysis is not required. At the present time the greatest need is for a technical staff member to lead a multi-person team responsible for providing study support to the Nuclear Materials Management Program being led by Organization 5300. The Nuclear Materials Management systems study activity involves participation as a member of a multi-laboratory team which will be providing direct support to the senior laboratory and Department of Energy management who are responsible for recommending the preferred disposal option for dealing with surplus nuclear materials from dismantled U.S. nuclear weapons. The selected candidate will lead the Sandia systems studies component of this activity. Demonstrated ability to deal effectively with external organizations and to coordinate the efforts of a multi-person team are required. It is not required that candidates have experience in nuclear materials management or disposition. However, a willingness and demonstrated ability to understand the essential features of new or emerging technologies are essential. The ability to think independently and to communicate clearly and concisely are also necessary. Experience in dealing with external customers is desirable. More than an average amount of travel should be expected. Both permanent transfers and candidates for 1-2 year rotational assignments will be considered.

### 95A0019/MTS - NM - L

#### Software Engineer/Developer for K. E. Washington, 6913 (Two Positions)

The Information Systems Applications Department utilizes state of the art information technologies to develop solutions for our customers and industry partners. We emphasize the development of knowledge-based and decision-support systems that enable our customers to electronically access, share, and interpret information for improving their business decisions.

We have lead responsibility for developing cooperative business management (CBM) tools for the *continued on next page*

Demand Activated Manufacturing Architecture (DAMA) project. DAMA involves a CRADA partnership with 33 companies from the US Integrated Textile Complex (US ITC) to enable an electronic marketplace which will aid in delivery of the right product to the consumer. Sandia will develop, prototype, demonstrate and pilot CBM tools for enabling the new US ITC electronic marketplace. We are looking for someone to join our team.

Candidates should have experience in developing software in a personal computer environment, preferably under the Microsoft Windows operating system. Experience with visual programming, such as Visual Basic or Visual C++, and/or experience with client/server applications involving MS SQL server or MS Access database are highly desirable. A working knowledge of how to access and manipulate databases from within an application in a client/server environment would also be helpful. The team consists of personnel at several national laboratories and textile companies. As such, the ability to communicate well both orally and in writing is essential. Some travel is required.

**95A0027/MTS - NM - Q**  
**Software Engineer/Computer Engineer**  
**for K. G. Weber, 9215**

Testers and Experimental Ground Stations Department 9215 develops software and hardware systems in a growth area of the laboratories. These systems are automated testers for payloads and spacecraft and ground stations for experimental satellites. Systems are developed using C and C++ programming languages, S/Motif operator interfaces, UNIX workstations, VXI technology, and VxWorks real-time operating system.

An exciting new activity, currently in the design stage is the development of a tester and ground station for Multi-Spectral Thermal Imager (MTI) satellite. This system is being developed by integrating off-the-shelf components wherever practical. This opening provides a great opportunity for a software engineer to be responsible for all activities involved in the development, testing, and integration of the command uplink phase. This phase includes the capability to generate and store command plans, uplink these plans to the satellite, validate and verify the commands, and provide password protection.

Experience programming in C or C++ on Sun or HP workstations is required. Knowledge of any of the following is desirable: testers, groundstations, mission operations, relational databases, LabView, VxWorks and GPIB interfacing. The ability to work in a small team environment is essential.

**95A0028/MTS - NM - Q**  
**System Safety Engineers for P. E. D'Antonio,**  
**12324 (Two Positions)**

System Surety Engineering Department 12324 currently provides nuclear safety expertise to SNL weapon system and component design organizations. Additionally, Dept. 12324 contributes to the development of Sandia nuclear weapon safety-related positions, develops and provides safety training courses to high-level officials within the weapons complex, and sponsors the development of advanced tools, methods, models, and databases for application in quantitative safety and risk assessments of weapons and other high-risk/high-consequence operations.

The safety assurance field is a challenging and growing area that produces daily opportunities for job satisfaction and career development. Job assignments for the successful candidate(s) include: 1) safety analysis support to the NSAFE and stockpile surveillance programs; 2) developing and applying new technology to safety assessments; and 3) developing the department's non-weapons safety assurance activities in areas such as transportation, robotics, and accident investigations.

An understanding of nuclear weapons, system safety analysis, modeling, and risk assessment techniques would be helpful. The successful candidates must have a high level of interest in learning about the nuclear safety evaluation process and have the ability to function effectively in a team environment. Candidates should have broad technical interests and well developed interpersonal, communication, and organizational skills. Moderate travel will be required.

**Corrected Posting:**  
**Those who previously bid need not bid again.**  
**94A0826/MLS - NM**  
**Sr. Management & Org. Development Consultant (Level 5) for J. A. Romero, 3030**

Leadership and Management Development Dept. 3030 is responsible for providing various levels of SNL management and leaders with courses and programs to ensure that we have competent and capable leaders focused on the achievement of our mission and objectives. Our primary objectives are to enhance skills in management of human, business and technical resources, and to provide for both the introductory and continuing/advanced education and development of managers at all levels. Our objectives are met through ongoing assessment of needs, design, delivery, and assessment of a core curriculum, the implementation of a variety of non-training options, and the continuous interface and partnership with Sandia customers.

The successful candidate for this position should have a strong background in organization development, instructional design methodology, adult learning theory, systems thinking, and the behavioral sciences. Knowledge of and experience in industrial practices in the area of leadership development are desirable. The successful candidate will be

*continued on next page*

expected to develop and maintain relationships with a range of internal and external constituency, and have considerable experience in classroom delivery and facilitation. It is essential to bring to this position a broad perspective, a high degree of confidence and judgment, a demonstrated ability to work with various levels of management, and the desire and ability to handle multiple priorities and tasks.

The work is designed and delivered in a strong teaming environment; therefore a team approach to selection will be used.

External candidates may be considered for this position.

#### **95A0016/MLS – NM – Q**

**Analyst/Programmer (Level 5) for  
R. D. Rowley, 13312**

The Library Information Systems Department implements information technology in support of the Technical Library and Recorded Information Management departments to ensure that published information and Sandia records are accessible by our customers. The department's work falls into four areas: (1) automated library systems, (2) electronic library services, (3) recorded information management systems, and (4) operational support. All development work is based on the open system design of a client/server architecture using UNIX, C, Sybase Novell and other C/S tools.

This position is for the project leader of the DOBIS data conversion and the DOBIS migration projects. Candidates must have Sandia Library and software project management experience and knowledge of the IBM DOBIS automated library system and the Dynix Horizon automated library system. Candidates should have a strong MIS or CS background with curiosity to understand hardware; communications and systems work; must have creativity; the drive and initiative which results in being a high contributor to the team; a strong desire to solve customer problems; and good verbal and written communications skills. Candidates should also interface effectively with people and be interested in personal growth. Candidates must meet the qualifications for advancement to Level 5 including answering the MIS/MLS Level 4 to 5 questionnaire.

Qualified bidders will be competing against the individual currently in the position.

#### **95A0026/MLS – NM – Q**

**Technical Information Specialist (Level 2/3/4)  
for S. R. Hudson, 5951**

The Operational Systems Department provides administrative services to the Systems Research Center in support of the U.S. intelligence community. The successful candidate will provide technical intelligence information services to Sandians who require access to the Systems Research Center's information sources. This person will interview candidates to determine requirements, review incoming information, search databases for customers, identify resources, and work closely with

the Center's Information Management Team.

An advanced degree in library science, information management, information science, management information science, or other field combined with substantial experience in retrieving information from electronic databases and hard copy collections are required. Strong verbal and written communications skills and willingness to work as part of a team are prerequisites. The successful candidate must be able to understand specifics of technical and analytical problems being worked by customers so they can canvass resources. A willingness to learn government information systems is necessary. Familiarity with nuclear weapon technology and the structure and functions of the intelligence community is desirable. Special accesses will be required.

#### **95A0029/MLS – NM – Q**

**Budget Analyst (Level 2/3/4) for M. H. Myers, 10403**

The Energy and Environment Sector and Management Support Department 10403 provides financial management services to project managers within the E/E sector. Dept. 10403 staff help develop, coordinate and report Sandia's external budget submission to DOE and internal spend plan in cooperation with the E/E sector. This includes budget/spend plan preparation, financial analysis and reporting including funding and costing, and year-end closing activities.

Requirements include a business degree with significant course work and/or experience in accounting, financial or MIS area. Candidates should have experience with Sandia's accounting, budgeting and purchasing processes and systems (including the financial information system). Good analytical skills and experience developing and maintaining database and spreadsheet applications, such as Access and Excel, are essential. The successful candidate will have demonstrated an ability to communicate well, work cooperatively with others, facilitate quality improvement, and effectively handle multiple job assignments.

### **TA/STA Vacancy**

The following position is open to lateral moves by those presently in the given classification. However, employees who have successfully completed a two-year technical degree program (as certified by the Education and Training Organization) may nominate themselves for TA/STA positions. In addition, employees classified as TA may nominate themselves for consideration for relevant STA position(s) described below provided they have: (1) a Bachelor's degree in Engineering, Science, Technology (BST, BET, MET, EEET, BEET, etc.), or an appropriate field as defined in the posting; and (2) three years of Sandia experience as a TA that demonstrates the ability to perform at the STA level. Candidates must have at least one year Sandia service on the date of the job announcement to be eligible for consideration.

*Jobs continue on next page*

**95L0003/STA - CA - Q****Mechanical Technician for J. Ellison, 8615**

As a member of the Facilities Operations Department you will share in the responsibility for area improvement, utility extension, equipment installation, and facilities design and modification. Specifically, the work will involve performing field investigations and preparing work orders for the Facilities Operation Department. These orders will effect changes to the mechanical systems of existing facilities such as heating, ventilation, air conditioning, plumbing, utilities distribution systems, etc.

As a mechanical technician you may also be a part of the design team to prepare and/or review plans, specifications and estimates for new construction projects; as well as designing mechanical systems to meet user requirements, energy efficiency and ES&H principles. You will also be involved in final on-site inspections.

As the successful bidder, you must be able to deal effectively with management, other Sandia organizations, architect-engineering firms, and outside contractors. The position requires that you have an associates degree or technical equivalency and have demonstrated your ability to work under minimal supervision as well as working effectively within a team environment. You must have skills in both oral and written communication, and a sound knowledge and understanding of ES&H principles. It is also desired that you have previous experience in the knowledge of PC and Autocad.

**95L0004/STA - CA - L****Technician for A. E. Pontau, 8347 (Two positions)**

The Advanced Materials Research Department has openings for two technicians to support ongoing research and development programs. The first position is in the diamond film deposition laboratory which produces ultra-hard coatings using chemical vapor deposition and plasma-assisted deposition techniques. These coatings are used in various applications requiring materials with exceptional properties. Operation and maintenance of vacuum chambers, associated hardware, and control systems will be a major portion of this job. A thorough knowledge of vacuum system design and operation are needed. Experience with thin film deposition, materials characterization, and plasma processes are desired.

The second position is in the compound semiconductor radiation detector laboratory where room temperature radiation spectrometers and a gamma-ray camera are being developed. Here, support is required in mechanical and electronic design and engineering. Interfacing of real time data acquisition and device control systems to computers will be a major role. The program spans potential imaging applications ranging from counterproliferation to medicine and astrophysics. An ability to begin with electronic concepts and follow through design and breadboarding to final layout is required. Familiarity with radiation concepts and image

acquisition and processing will be valuable.

Both positions involve working in a team atmosphere with scientists and customers. Good organizational skills and the ability to work independently are also required.

**Advancement Opportunity**

The following position is open to any employee with suitable qualifications and interests, including those wishing to move laterally within the given classification, except that trainees may not move laterally until after completion of training. Candidates must have at least six months of Sandia service on the date of the job announcement to be eligible for consideration. Where there are more than 10 candidates, interviews may be restricted to those 10 or so who seem to be best qualified according to personnel records.

**95L0005/ASA-C - CA - Q****Materials Management Administrator for D. M. West, 8532-1**

The candidate for this position will support the Property Reapplication and Transportation Team in the receipt, movement and disposal of excess property and material for the CA site. Duties will include accessing corporate and DOE property computer systems to process excess property data consistent with Sandia policies and procedures as well as DOE requirements.

Other job duties include maintaining accounts and records on the accountability of items, developing and maintaining metrics, distribution and processing of monthly reports, and the preparation and delivery of presentation material. This position requires high levels of customer interface. Additionally, the successful candidate will provide back-up support for the Copier and Office Equipment Analyst.

The successful candidate shall be a self-motivated individual with proven ability to work with minimum supervision. Requirements for this position are proven accuracy and attention to detail; ability to organize and prioritize multiple tasks; demonstrated ability to identify, follow-through, and effectively resolve problems; demonstrated ability to interact effectively with others in a teaming environment; effective verbal and written communications skills; and working knowledge of Word and Excel on the IBM and MAC. Some travel will be required.

Desired: Knowledge of the Enhanced Property Management System.

A participatory process will be used to select the successful candidate.

## Disposition of Past Openings

### Management:

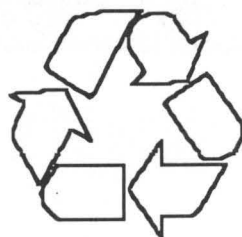
- 94A0689-01 MTS Manager for T. O. Hunter, 6900, filled by Jeffrey J. Danneels, 7908
- 94A0748-01 MTS manager for J. F. Jones, 13200, filled by Richard N. Harris, 13215

### Staff:

- 94A0636-01 MTS Project Engineer for R. M. Cranwell, 6613, filled by John H. Linebarger, 9207
- 94A0691-01 MTS Commercial Nuclear Energy Project Engineer for A. K. Moonka, 6471, filled by Gary E. Rochau, 1273
- 94A0724-01 Member of Lab Staff for J. A. Raines, 7611, filled by Richard D. Gomez, 7574
- 94A0731-01 Member of Lab Staff for R. W. Thorp, 10604, filled by Leland J. Clise, 12840
- 94A0761-01 Member of Lab Staff for B. K. Davis, 10404, filled by Pamela A. Ramsey, 10501
- 94A0773-01 Member of Lab Staff for R. G. Baca, 7437, filled by Timothy D. Lucero, 7437
- 94A0781-01 Member of Lab Staff for R. L. Schwoebel, 12300, filled by Karla J. Simoes, 10402

### Vacancies Withdrawn:

- 94A0636-02 MTS Project Engineer for R. M. Cranwell, 6613
- 94A0807-01 MTS Computer/Information Scientist for K. E. Washington, 6913
- 94L0090-01 MA I - L Secretary for L. A. Houston, 8526 (Actg.)



**Please recycle  
this bulletin**

## Sandia bulletin board guidelines

General-purpose bulletin boards located throughout Sandia/California are intended primarily for work-related announcements. Public Affairs & Employee Communications (8502) provides guidance about what types of non-work-related items can be posted.

There are a couple of items that are not permitted: no partisan political announcements and no commercial ads/notices are allowed, and this includes business cards of outsiders or employees and any family members who operate businesses "on the side."

The general guidelines:

(1) Employees may post index card-sized notices (ads) for single items wanted or for sale (cars, furniture, houses, and miscellaneous items), but not for rental houses, cabins, or other property (renting property is considered a commercial business). These want ads may also be sent to (8502) at MS 9111, for submission in *The Communicator*.

(2) If there is sufficient room on a bulletin board, employees may also post notices (no larger than 8-1/2 by 11 inches) of community events of interest sponsored by non-profit groups, such as concerts, school group fund-raisers, etc. Announcements of a religious nature are not allowed, but announcements about non-religious events taking place within churches (symphony concerts, for example) can be posted.

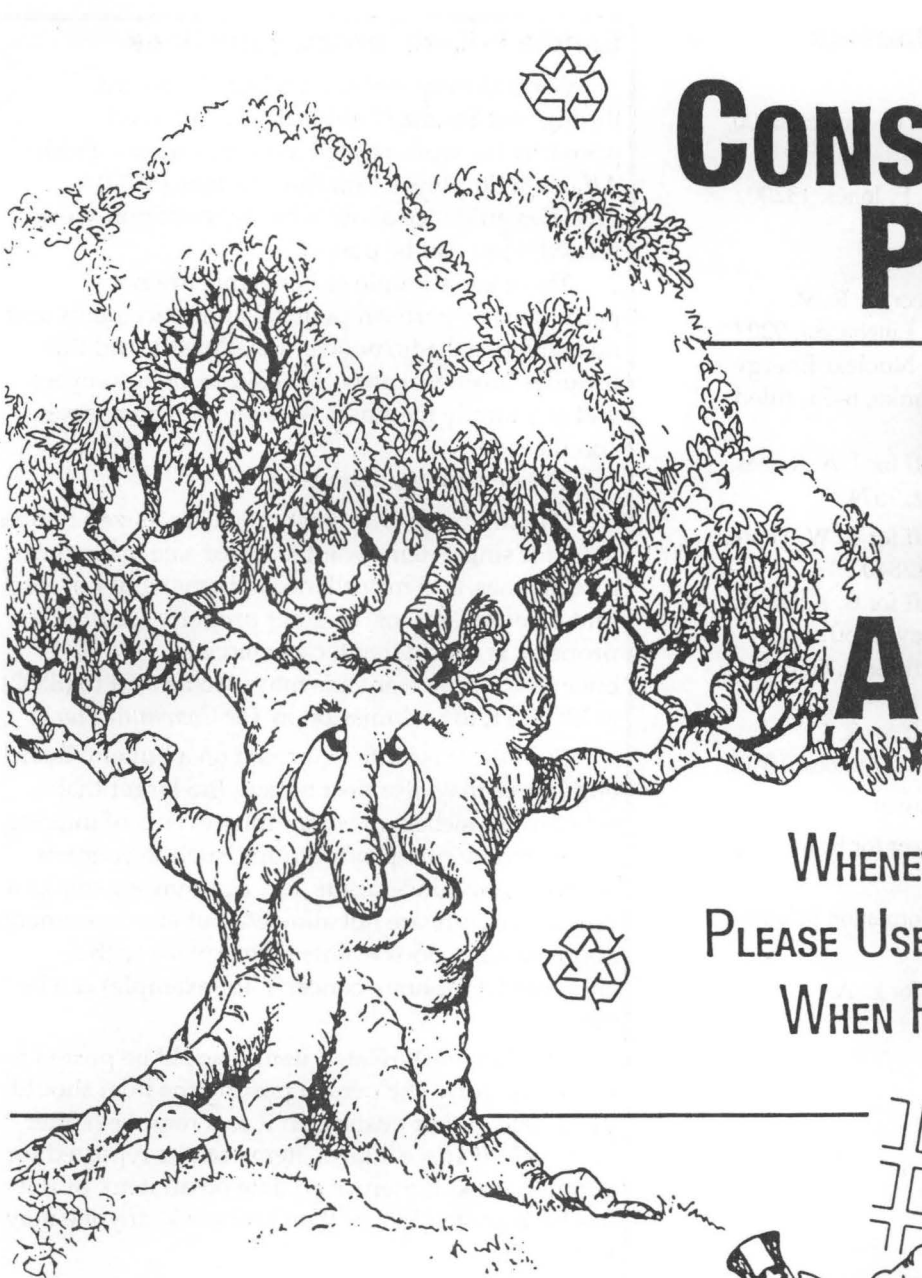
(3) Non-work-related items should be posted for one week only. The person posting the item should put a date of first posting on it and remove it after one week. If space allows, items can be reposted for another week. If there is no date on an item, or if it has been posted longer than one week, anyone may remove it.

Organizations housed near general-purpose bulletin boards can help by checking and updating the boards regularly. In addition to the general guidelines, organizations can establish other guidelines for their boards that do not conflict with the general guidelines.

If you have questions about the bulletin board guidelines, please contact Public Affairs & Employee Communications (8502), MS 9111 on 4-3135.

Some bulletin boards are reserved for official/legal notices and are locked behind glass. They may not be used for any other purpose.

(BLS:8502)



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