OFFICE CIRCULAR

COMPUTER ASSISTANT (SYSTEM AND PROGRAMMING) (GRADE B4) IN THE NUCLEAR ENERGY AGENCY, SCIENTIFIC SERVICES SECTION (DATA BANK)

Closing date for applications: 7 April 1992

Duties:

The NEA Scientific Services work, currently being carried out in Saclay, will be transferred to the NEA offices on the Ile-St.-Germain (92) in 1992. Scientific computing is presently carried out on a DEC 8000 series computer, which will be replaced during 1992 by a faster 6000 series model, clustered with a DEC 4200 processor to be used for office computing. Development work will include new databases covering topics not only related directly to service work, but also to interaction with other programme areas in NEA and OECD.

1. Act as assistant to the A2/A3 System Manager, carrying out less complex systems maintenance and resolving minor breakdowns.
2. Carry out development and maintenance programming on databases for scientific applications, and assist in the development of new on-line applications.

3. Under the supervision of senior physicists, carry out programming work and supervise and take part in the operation of compressing the Data Bank’s archive back-ups of nuclear data files and computer programs.

4. Assist scientific users in resolving programming and systems problems. Verify the strict observance of computer security procedures.

5. Ensure that all incoming programming material is registered and acknowledged, and passed on to the appropriate staff member.

Principal qualifications:

1. A minimum of two years formal training in computing and/or a scientific subject, leading to a BSc, DUT or BTS.

2. Good experience of database programming and/or scientific computing, preferably on both larger computers and PCs. Knowledge of FORTRAN and possibly other high level languages, and of user systems interfaces, ideally in VAX/VMS (DEC).

3. Very good working knowledge of one of the two official languages of the Organisation (English or French); knowledge of the other language would be an advantage. Ability to read and understand computer documentation in English is essential.