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 REF: 14:43 28-09-82 000062500 - 000069685

REF NR 165823-XVII/D/2-GUI 4/27

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SUBJECT : IAEA GENERAL CONFERENCE - VIENNA : 20-24 SEPTEMBER  
 1982.

I SET OUT BELOW FOR INFORMATION A COPY OF A STATEMENT MADE BY  
 MR. AUDLAND AT THE IAEA GENERAL CONFERENCE IN VIENNA ON  
 22 SEPTEMBER 1982.

MR. PRESIDENT, DISTINGUISHED DELEGATES, LADIES AND GENTLEMEN,

1. AS A REPRESENTATIVE AT THIS CONFERENCE OF EURATOM -THE EUROPEAN  
 ATOMIC ENERGY COMMUNITY- I WOULD LIKE TO JOIN THOSE OTHER SPEAKERS  
 WHO HAVE CONGRATULATED THE AGENCY ON REACHING ITS 25TH BIRTHDAY,  
 AND TO WISH IT WELL FOR THE FUTURE.

IT HAS A VITAL ROLE TO PLAY IN FACILITATING THE DEVELOPMENT OF  
 THE PEACEFUL USE OF ATOMIC ENERGY. IT IS A ROLE OF WHICH THE COM-  
 MUNITY IS PARTICULARLY AWARE, BECAUSE OF ITS OWN GROWING DEPENDEN-  
 CE ON ENERGY FROM THAT SOURCE. TODAY, IN THE COMMUNITY AS A WHOLE,  
 6 0/0 OF ALL OUR ENERGY REQUIREMENTS ARE SATISFIED BY NUCLEAR-GE-  
 NERATED ELECTRICITY. BY 1990, WE EXPECT THAT FIGURE TO RISE TO  
 12 0/0. THE EFFECT ON OUR OVERALL PATTERN OF ENERGY SUPPLY IS AL-  
 READY STRONGLY FELT.

2. THE EUROPEAN COMMUNITY HAS ALSO RECENTLY PASSED A MILESTONE.  
 THE TREATIES WHICH SET UP BOTH EURATOM AND THE EUROPEAN ECONOMIC  
 COMMUNITY WERE SIGNED IN ROME A QUARTER OF A CENTURY AGO LAST  
 MARCH. UNDER THOSE TREATIES, THE SIX FOUNDER MEMBERS OF THE COM-  
 MUNITY -AND SUBSEQUENTLY THE FOUR OTHER MEMBERS, ALL TEN OF WHOM  
 ARE OF COURSE ALSO MEMBERS OF THIS AGENCY- TRANSFERRED TO THE COM-  
 MUNITY CERTAIN RESPONSIBILITIES PREVIOUSLY EXERCISED BY THEIR OWN  
 GOVERNMENTS. THESE INCLUDED IMPORTANT RESPONSIBILITIES IN THE  
 NUCLEAR FIELD, NOTABLY AS REGARDS THE SUPPLY AND SAFEGUARDING OF  
 NUCLEAR MATERIALS.

3. ONE CONSEQUENCE OF ALL THIS IS THAT, FROM THE EARLIEST DAYS OF  
 THE COMMUNITY, THE COMMISSION HAS BEEN EXERCISING, THROUGH ITS OWN  
 SAFEGUARDS INSPECTORATE, THE RESPONSIBILITIES FOR SAFEGUARDS LAID  
 UPON IT BY THE ROME TREATIES. THE COMMISSION CURRENTLY HAS 120  
 INSPECTORS. IN 1982, THEY WILL CARRY OUT SOME 6000 MAN-DAYS OF IN-  
 SPECTION AT THE COMMUNITY'S LARGE AND GROWING NUMBER OF NUCLEAR  
 PLANTS. TO PUT THESE FIGURES INTO PERSPECTIVE, IT IS PERHAPS WORTH  
 RECALLING THAT, AT THE END OF LAST YEAR, ACCORDING TO AGENCY FIGU-  
 RES, THE NUMBER OF AGENCY INSPECTORS ACTUALLY ENGAGED ON COMPARABLE  
 DUTIES ON A WORLD-WIDE BASIS, WAS 135. EURATOM SAFEGUARDS OPERATE

TODAY IN NO LESS THAN 460 NUCLEAR INSTALLATIONS. THE NUCLEAR MATE-  
 RIAL THUS SAFEGUARDED INCLUDES 49 TONS OF PLUTONIUM, 13 TONS OF  
 HIGHLY-ENRICHED URANIUM, AND SOME 87000 TONS OF LESS SENSITIVE NU-  
 CLEAR MATERIAL.

4. IN EARLIER YEARS THE EURATOM SAFEGUARDS INSPECTORATE WAS THE ONLY INTERNATIONAL SAFEGUARDING AUTHORITY OPERATING IN THE MEMBER STATES OF THE COMMUNITY. BUT OF COURSE, OVER THE LAST SIX YEARS, THE EURATOM INSPECTORS HAVE BEEN JOINED BY INSPECTORS FROM THE AGENCY. BETWEEN THEM THERE IS A CLOSE CO-OPERATION. AS A RESULT, THE COMMUNITY IS THE ONLY REGION IN THE WORLD WHERE TWO INTERNATIONAL SAFEGUARDING AUTHORITIES ARE AT WORK TOGETHER. THE THREE AGREEMENTS MADE BETWEEN THE AGENCY, THE COMMUNITY, AND ITS DIFFERENT MEMBER STATES, CAME INTO FORCE BETWEEN 1976 AND 1981. THEY LAID DOWN THE BASIS ON WHICH WE CO-OPERATE WITH THE AGENCY TO ENSURE THAT SAFEGUARDS ARE EFFECTIVELY APPLIED ON ALL NUCLEAR MATERIAL SUBJECT TO THEM. TODAY, INSPECTION WORK CARRIED OUT BY AGENCY STAFF AT NUCLEAR FACILITIES IN THE COMMUNITY REPRESENTS JUST UNDER 50 0/0, IN TERMS OF MAN-DAYS, OF ALL SUCH WORK BY THE AGENCY THROUGHOUT THE WORLD.

5. I BELIEVE THAT THE EXPERIENCE ACQUIRED BY AGENCY INSPECTORS AT NUCLEAR PLANTS IN THE COMMUNITY HAS A VERY SPECIAL VALUE. THE COMMUNITY HAS AN EXTRAORDINARILY EXTENSIVE, ADVANCED AND COMPLETE NUCLEAR FUEL CYCLE. IN MANY CASES, THE COMMUNITY INSTALLATIONS REPRESENT PROTOTYPES, OR INITIAL COMMERCIAL VERSIONS OF NEW KINDS OF INSTALLATIONS, AND ARE IN THE FOREFRONT OF TECHNOLOGICAL DEVELOPMENT.

6. I SAID EARLIER THAT CLOSE CO-OPERATION EXISTS BETWEEN THE AGENCY AND THE COMMISSION ON ALL THESE SAFEGUARDS MATTERS. THIS IS NOT SOMETHING WHICH COULD HAVE BEEN TAKEN FOR GRANTED. INDEED, IT HAS COST MUCH GOODWILL AND EFFORT ON BOTH SIDES TO HAVE GOT TO WHERE WE STAND. THE SAME GOODWILL AND EFFORT WILL BE NEEDED TO CONSOLIDATE, AND FURTHER TO IMPROVE THE CO-OPERATION BETWEEN

US. I CAN ASSURE THIS CONFERENCE THAT THIS WILL BE FORTHCOMING FROM THE COMMISSION. I AM CONFIDENT THAT OUR ATTITUDE WILL BE RECIPROCATED.

7. A SECOND AREA IN WHICH THE COMMUNITY AND THE AGENCY CO-OPERATE CLOSELY IS THAT OF RESEARCH AND DEVELOPMENT OF NEW TECHNOLOGIES FOR SAFEGUARDING. THE COMMISSION CARRIES THROUGH -AT THE COMMUNITY RESEARCH ESTABLISHMENTS IN ISPRA, GEEL AND KARLSRUHE- A MAJOR PROGRAMME IN THIS SECTOR. EXPENDITURES ARE CURRENTLY RUNNING AT A LITTLE OVER 6 MILLION US DOLLARS A YEAR. THE PROGRAMME IS DRAWN UP AFTER EXTENSIVE CONSULTATION WITH THE AGENCY. ITS RESULTS ARE MADE AVAILABLE TO THE AGENCY, IN ACCORDANCE WITH THE CO-OPERATION AGREEMENT OF 1981 BETWEEN THE TWO ORGANISATIONS. I SHOULD MAKE CLEAR THAT THIS WORK IS IN ADDITION TO THE SUBSTANTIAL PROGRAMMES OF SUPPORT TO THE AGENCY WHICH HAVE BEEN MOUNTED BY CERTAIN OF THE COMMUNITY'S MEMBER STATES, AND TO WHICH REFERENCE IS MADE IN PARAGRAPH 258 OF THE AGENCY'S ANNUAL REPORT.

8. TECHNICAL CO-OPERATION BETWEEN THE COMMISSION AND THE AGENCY IS STEADILY INCREASING IN OTHER AREAS OF COMMON INTEREST, SUCH AS NUCLEAR RESEARCH PROPER (IN PARTICULAR NUCLEAR FUSION), DISSEMINATION OF RESEARCH RESULTS, NUCLEAR SAFETY, WASTE MANAGEMENT, RADIOLOGICAL PROTECTION, RADIO ISOTOPES AND TRAINING OF NUCLEAR SPECIALISTS.

9. FINALLY, I WOULD LIKE TO SAY THAT THE COMMISSION APPRECIATES THE MANY OPPORTUNITIES IT HAS TO PARTICIPATE IN OTHER ASPECTS OF THE AGENCY'S WORK, AND TO BE REPRESENTED AT MEETINGS CONVENED UNDER ITS AEGIS, SUCH AS THE COMMITTEE ON ASSURANCES OF SUPPLY AND THE EXPERTS GROUP ON INTERNATIONAL PLUTONIUM STORAGE.

10. I HOPE THAT THESE FEW REMARKS MAY HAVE ILLUMINATED THE VALUE OF THE GROWING CO-OPERATION BETWEEN THE AGENCY AND THE COMMISSION. WE BELIEVE THIS CONTRIBUTES POSITIVELY TO THE WORK OF THE AGENCY AS A WHOLE. TO THE SUCCESS OF THAT WORK, AS HAS ALREADY BEEN SAID BY REPRESENTATIVES OF SOME OF THE COMMUNITY'S MEMBER STATES, THE COMMUNITY ATTACHES THE UTMOST IMPORTANCE. THAT IS WHY THE COMMISSION STANDS READY TO DEVELOP AND EXTEND ITS CO-OPERATION WITH THE AGENCY, IN ANY WAY POSSIBLE, BOTH NOW AND IN THE FUTURE."

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