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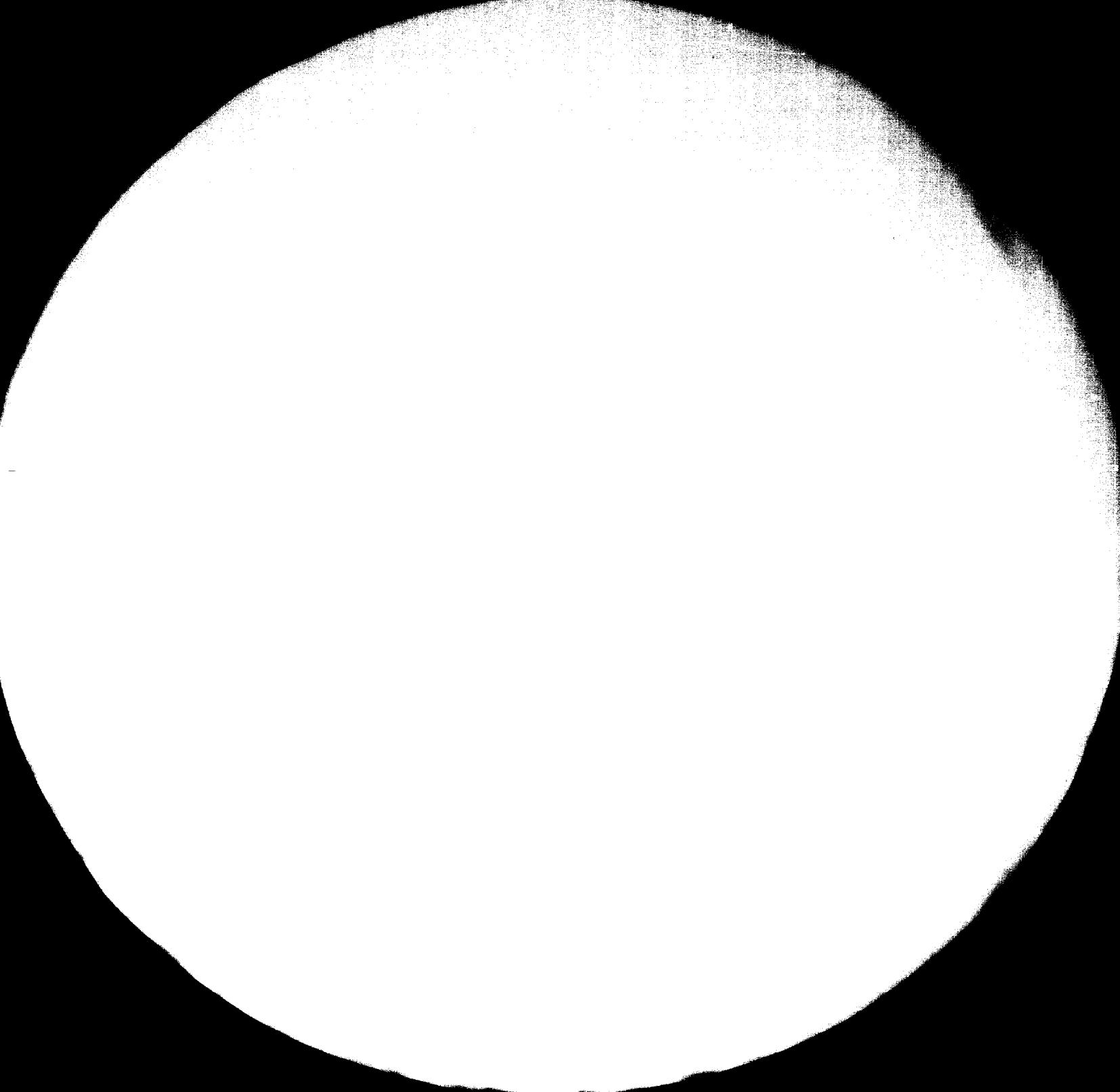
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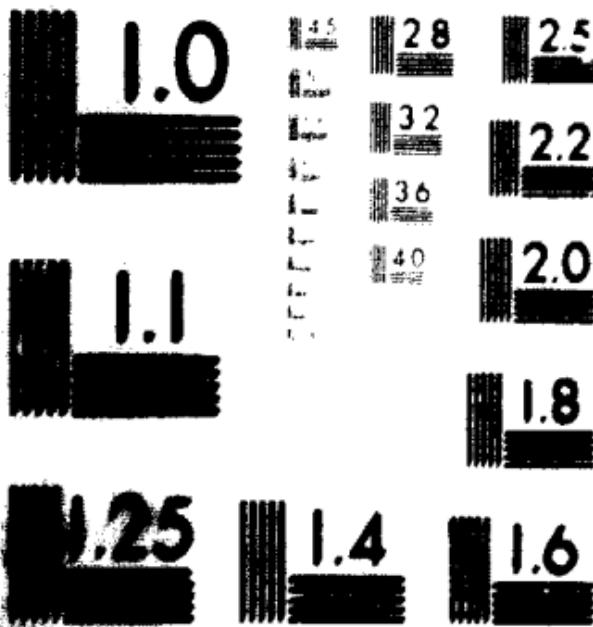
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

25 May 1983

12843

[Regional Technical Assistance Project
in Non-Destructive Testing (NDT).]

Mission to

Uruguay and Argentina

of

Frans J. Soede
Senior Industrial Development Officer
Institutional Infrastructure Branch
Division of Industrial Operations

11-22 April 1983

ST/RUA/82/001, UC/RUA/82/188
RP/RUA/33/001

1018

A. The second meeting of NDT Co-ordinators' in Montevideo 11-15 April

This meeting was organized by Sr. Amilcar Osaba of the Comisión Nacional de Energía Atomica, the Uruguayan NDT Co-ordinator, and took place in the office of the Productivity Centre of the Ministry of Industry and Energy in Montevideo. The draft of the report of the meeting is available in the office of the author. The salient points are the following:

(1) The meeting (see Annex A for list of participants, schedule and agenda) was attended by co-ordinators of seven LA countries (Argentina, Chile, Columbia, Ecuador, Peru, Uruguay and Venezuela) and observers from Bolivia and Guatemala. During the meeting it was announced that Jamaica had joined the project. Also present were representatives of the IAEA, OAS, UNFSSTD and UNIDO and observers from the FRG (the Chairman of the NDT association) Spain and Italy*. The latter country was invited by the UNFSSTD because negotiations are underway for a large scale contribution of Italy to the project.

The UNDP Resident Representative of Argentina, where the headquarters of the project is located, attended the meeting for one day on the instruction of UNDP headquarters. Also the UNDP/RR office in Montevideo was represented at the meeting.

(2) The report of the Bogota (first) meeting was approved. The activities of the 1983 programme (see Annex B) were reviewed. No serious difficulties were encountered. The plans of all participating countries for 1984 were discussed in detail. It appears that the number of national/regional NDT courses will increase from 29 (1983) to 59 (1984) while 15-20 regional and international short-term consultants and professors will be required during both years.

Also some indications were given for activities during 1985 and 1986. The "Acta de Montevideo" is attached (see Annex C).

(3) The total contribution of the UNFSSTD, IAEA and UNIDO for the 1983 programme amounts to approximately US\$ 350,000. IAEA is programming for about US\$ 500,000 for the period 1984/86 and UNIDO, as executing agency, is expected to contribute a similar amount for the same period. The UNFSSTD contribution financed by the Italian government may be in the order of US\$ 2 million for a period of 3-5 years but this figure is very tentative and it may take approximately one year to finalize the negotiations. The contributions of the FRG and Spain will be mainly in kind and cover expert missions, fellowships and maybe some equipment.

* Alberto Orlando:Ufficio II (Chief of Office: Cons. Gianfranco Facco-Bonatti) Dipartimento per la Cooperazione allo Sviluppo Ministero per gli Affari Esteri, viale della Farinesina 00100 Roma. Tel: 36912774

B. Visit to the project headquarters at the Comision Nacional de Energia Atomica (CNEA) Buenos Aires 18-20 April 1983

The CNEA has put three offices at the disposal of the project: one for the project manager, one for the secretariat and the third which will be used by the two associated experts and an Argentinean engineer seconded from CNEA. All communication cost's (telephone and telex) are financed by the CNEA. A courtesy visit was paid to Rear Admiral Castro Madero, the President of the CNEA, in order to brief him on the development of the project.

The mini-computer for the project is on order and will arrive very soon. One of the associated experts who will arrive in Buenos Aires by the beginning of July will be in charge of operating this computer. The computer has the ability of being linked up to terminals in the participating countries through modems on the existing telecommunications network. Together with the co-ordinator of Peru and representative of OAS a visit was paid to the Institute for NDT of the CNEA in Buenos Aires. This Institute was assisted jointly by IAEA and UNIDO in the past, and serves at present not only the CNEA but also Argentinean industry on a large scale. The design of an overall project document covering the period 1983/86 was discussed with the project manager and the representatives of IAEA, UNFSSTD and UNIDO. The PM will make a complete draft of this project document and will come to Vienna for the finalization work.

C. Visit to the Instituto Balseiro at Bariloche 20-22 April 1983

Together with the IAEA representative and the project manager a visit was made to the Instituto Balseiro which trains nuclear physicists and nuclear engineers in a three year programme. This programme follows a two year preparatory phase at the Universidad Nacional de Cuyo under which auspices the Instituto Balseiro operates through a convention with the CNEA. This Institute is very interesting because a number of experiments and designs are carried out by the students which culminates with practical work on a small atomic reactor which is controlled from two remote control consoles, one to be used by the research staff and one for the students.

A layout of the facilities is attached (see Annex D). Further information is available from the author and also from the IAEA which provides technical assistance to this Institute. This Centre could be used as a model for UNIDO sponsored group training programmes because there is a strong emphasis on practical work.

ANNEX A

SEGUNDA REUNION DE COORDINADORES

Montevideo, 11-15 Abril 1983

P A R T I C I P A N T E S

PAISES PARTICIPANTES EN EL PROYECTO:

- Sr. Moisés SAMETBAND, Coordinador Nacional de Argentina
- Sr. Rolando ARREDONDO MORENO, Coordinador Nacional de Chile
- Sr. Nelson TORRES MEDINA, Coordinador Nacional de Colombia
- Sr. Raúl PEÑAHERRERA, Coordinador Nacional de Ecuador
- Sr. Jesús AYMAR, Representante del Perú
- Cnel. Amílcar OSABA, Coordinador Nacional del Uruguay
- Sr. Mario CANO, Representante de Venezuela

OTROS PAISES LATINOAMERICANOS:

- Sr. Oscar VILLEGRAS IBÁREZ, Observador de Bolivia
- Sr. Enrique MENCOS, Observador de Guatemala

PAISES COOPERANTES:

- Sr. Hermann-Josef KOPFHECK, República Federal de Alemania
- Sr. José Luis ENRIQUEZ, España
- Sr. Alberto ORLANDI, Italia

ORGANISMOS INTERNACIONALES:

- Sr. Frans SOEDE, ONUDI, Viena
- Sr. Pablo WILLSTAETTER-GREIG, OIEA, Viena
- Sr. Niels BRANDT, UNESSTD, Nueva York
- Sr. Jairo TORRES, OEA, Washington
- Sr. Kenneth BESWICK, OIEA, Project Manager, Buenos Aires
- Sr. E. Gutierrez, Resident Representative, UNDP Office Argentina

ANNEX B



PROYECTO REGIONAL LATINOAMERICANO
DE ENSAYOS NO DESTRUCTIVOS
RLA/82/T01

IAEA
UNIDO
UNESSTD

REF:

Maipú 1252 - 10° P
Casilla de Correo 2257
1005 Buenos Aires
Argentina
TEL: 752-1481
TELEX: 26110 CACAR
9170 UNDPAR

SEGUNDA REUNION DE COORDINADORES

Montevideo, 11-15 Abril 1983

P R O G R A M A

1. Informe Reunión de Bogota.
2. Informe del Project Manager
3. Informe de cada país sobre Cursos Nacionales 1983 (cantidad de cursos participantes, niveles, necesidad de expertos, lugares y fechas).
4. Informe de cada país sede sobre preparación de Cursos Regionales (profesores, participantes nacionales, fechas exactas, lugar).
5. Informe de cada país sobre status Grupo de Trabajo y actividades nacionales.
6. Requerimientos de cada país para mejorar programa existente. Relación entre pedidos y actividades cumplidas y previstas.
7. Definición de cada país sobre necesidad de expertos y becas 1983.
8. Plan de actividades para 1984: cursos, seminarios, grupo de trabajo, misiones, etc.
9. Países europeos cooperantes.
10. Financiamiento.
11. Varios
12. Próxima Reunión Coordinadores.



MINISTERIO DE INDUSTRIA Y ENERGIA
Comisión Nacional de Energía Atómica
Telex Minie UY 6203
Soriano 1011
Montevideo - Uruguay

A G E N D A

Lunes, Abril 11:

- Hora 9:00 - Apertura.
- Hora 10:30 - Café.
- Hora 12:00 - Almuerzo Libre.
- Hora 14:00 - Continuación de la Reunión.
- Hora 15:30 - Café.
- Hora 17:00 - Cierre.

Martes, Abril 12:

- Hora 9:00 - Continuación de la Reunión.
- Hora 10:30 - Café.
- Hora 12:00 - Almuerzo Libre.
- Hora 14:00 - Continuación de la Reunión.
- Hora 15:30 - Café.
- Hora 17:00 - Cierre.

Miércoles, Abril 13:

- Hora 9:00 - Salida en ómnibus del Hotel.
- Hora 9:15 - Visita a las instalaciones de la Universidad del Trabajo del Uruguay.
- Hora 10:15 - Visita al Laboratorio Tecnológico del Uruguay.
- Hora 11:15 - Visita al Laboratorio de Ensayos No Destructivos de la Fuerza Aérea Uruguaya.
- Hora 13:00 - Almuerzo en la Brigada de Mantenimiento de la Fuerza Aérea Uruguaya.
- Hora 15:30 - Visita al Laboratorio de Ensayos No Destructivos de la Administración Nacional de Combustibles, Alcohol y Portland. (La Tablada).



MINISTERIO DE INDUSTRIA Y ENERGIA

Comisión Nacional de Energía Atómica

Telex Minie UY 6208

Soriano 1014

Montevideo - Uruguay

Jueves, Abril 14:

- Hora 9:00 - Continuación de la Reunión.
- Hora 10:30 - Café.
- Hora 12:00 - Almuerzo Libre.
- Hora 14:00 - Continuación de la Reunión.
- Hora 15:30 - Café.
- Hora 17:00 - Cierre.
- Hora 19:30 a 21:30 - Cocktail ofrecido por las Autoridades de la Comisión Nacional de Energía Atómica, en su Sede, Soriano 1014.

Viernes, Abril 15:

- Hora 9:00 - Continuación de la Reunión.
- Hora 11:00 - Clausura.
- Hora 11:30 - Salida en ómnibus hacia Punta del Este, donde se ofrecerá un almuerzo.

sf/fg.

PROYECTO REGIONAL RLA/82/T01

CRONOGRAMA TENTATIVO DE ACTIVIDADES PARA EL AÑO 1983

- 06 Abril CURSO REGIONAL BASICO DE METALURGIA PARA PERSONAL DE END
- Montevideo, Uruguay
- 3 semanas
- 2 participantes por país*
- 1 experto regional, 1 experto internacional
- 11 Abril REUNION DE COORDINADORES NACIONALES
- Montevideo, Uruguay
- 1 semana
- 1 participante por país
- Mayo GRUPO DE TRABAJO, ENTRENAMIENTO Y CERTIFICACION
- Argentina
- 1 semana
- 1 participante por país*
- Julio SEMINARIO REGIONAL SOBRE CERTIFICACION EN END
- Ecuador
- 1 semana
- 2 participantes por país*
- 2 expertos internacionales
- 8 - 23 Agosto CURSO REGIONAL DE RADIOGRAFIA, NIVEL III
- Argentina
- 3 semanas
- 2 participantes por país*
- 1 experto regional, 1 experto internacional
- Setiembre CURSO REGIONAL DE PARTICULAS MAGNETICAS, NIVEL III
- Argentina
- 3 semanas
- 2 participantes por país*
- 1 experto regional, 1 experto internacional
- Octubre SEMINARIO REGIONAL SOBRE TECNICAS ESPECIALES
- Chile
- 1 semana
- 2 participantes por país*
- 3 expertos internacionales

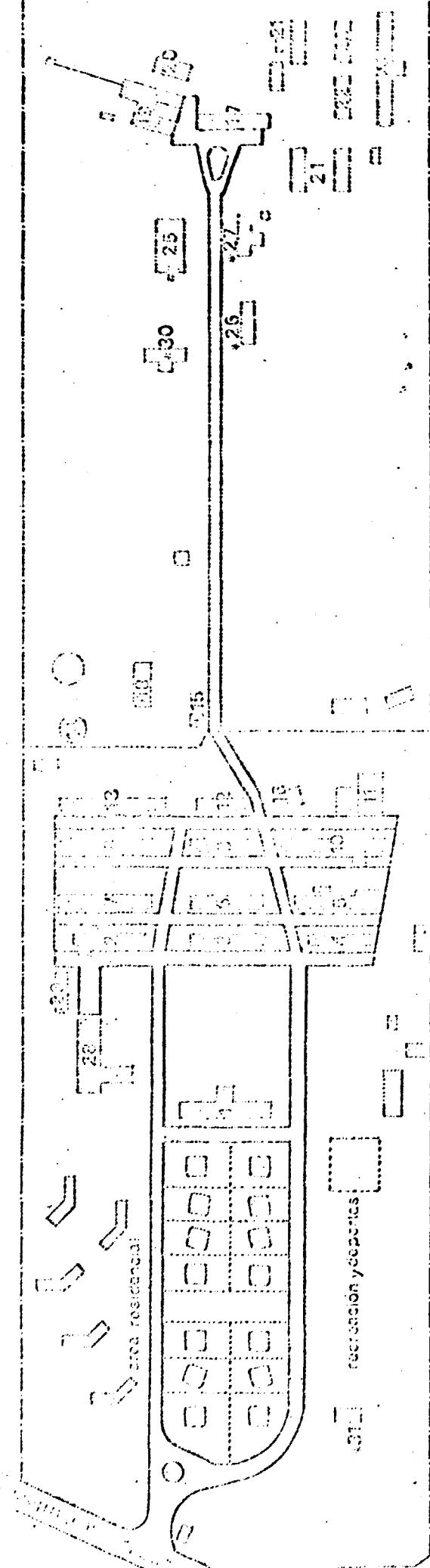
Octubre	CURSO REGIONAL SOBRE ULTRASONIDOS, NIVEL III - Colombia - 3 semanas - 2 participantes por país* - 1 experto regional, 1 experto internacional
Octubre o Noviembre	REUNION DE COORDINADORES NACIONALES - Ecuador - 1 semana - 1 participante por país
Noviembre	GRUPO DE TRABAJO, ENTRENAMIENTO Y CERTIFICACION - Perú - 1 semana - 1 participante por país*

* Excepto el país sede del evento.

ACTA DE MONTEVIDEO

Los representantes de los países latinoamericanos que participan en el Proyecto Regional Latinoamericano de Ensayos No Destructivos, reunidos en la ciudad de Montevideo, República Oriental del Uruguay:

- a) Manifiestan que seguirán incrementando sus respectivas contrapartes nacionales.
- b) Expresan su satisfacción por la iniciación de actividades de capacitación y asesoría en el campo de los ensayos no destructivos en la Región.
- c) Declaran reconocer por todas las acciones cumplidas, actuales y futuras, a los organismos técnicos y financieros de Naciones Unidas (UNESSTID, ONUDI, OIEA y OFA) para el Proyecto Regional Latinoamericano de Ensayos No Destructivos.
- d) Encuentran al Director del Proyecto que, en coordinación con UNESSTID, se dirija por los canales pertinentes a: OEA, PNUD y gobiernos de Alemania Federal, España e Italia para obtener fondos complementarios que garanticen y aseguren el desarrollo del proyecto.
- e) Reconocen la presencia de delegados por Alemania Federal, España e Italia por el interés que han manifestado estos países por cooperar con el Proyecto Regional Latinoamericano de Ensayos No Destructivos.
- f) Hacen suyo el agradecimiento expresado por el representante de Venezuela y por los observadores de Bolivia y Guatemala al OIEA, que propició su presencia en esta reunión.
- g) Expresan su alto grado de interés en que se adhieran al proyecto las repúblicas de Bolivia y Guatemala.
- h) Declaran su satisfacción por la adhesión de Jamaica al Proyecto.
- i) Agradecen al Gobierno de la República, a la C.N.E.A. y a las demás instituciones de la República Oriental del Uruguay que han hecho posible esta reunión, por la cordialidad y atenciones recibidas durante esta Segunda Reunión de Coordinadores del Proyecto Regional Latinoamericano de Ensayos No Destructivos.



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