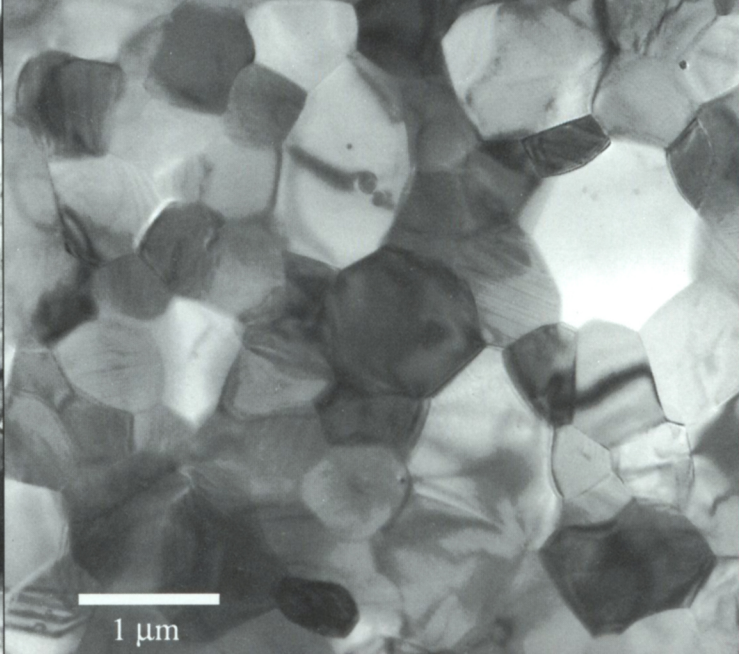
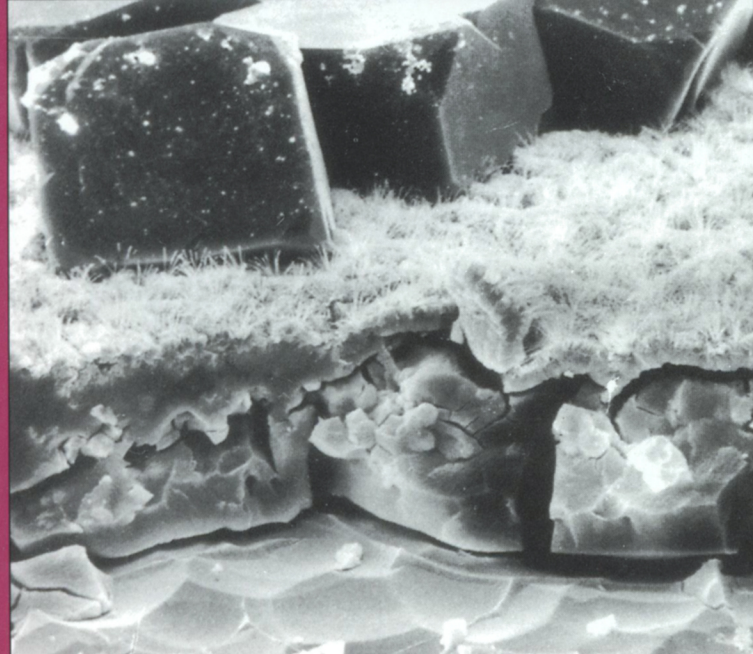
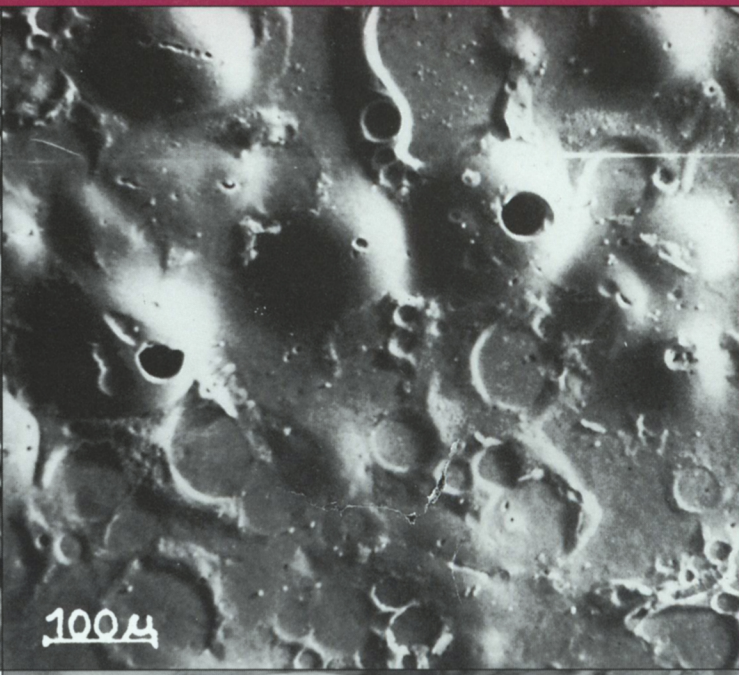
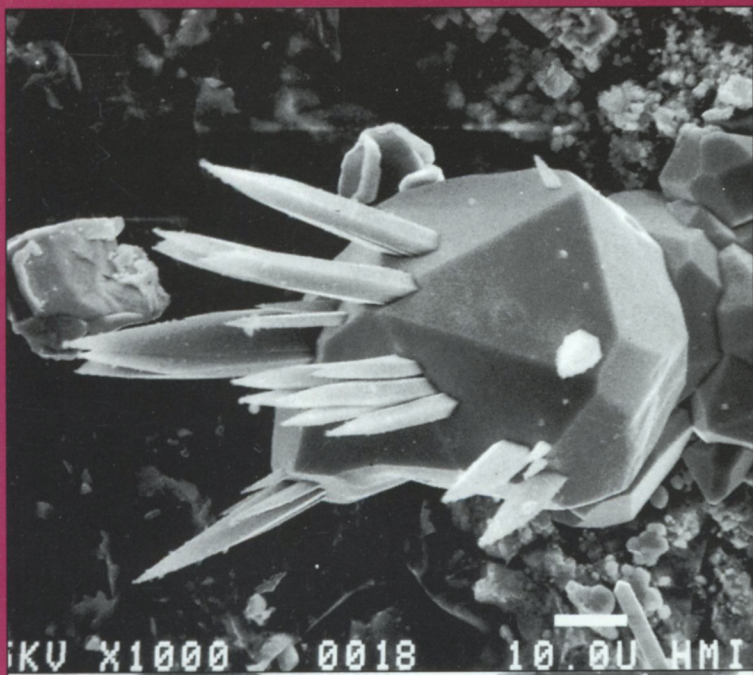




Nuclear Waste Disposal



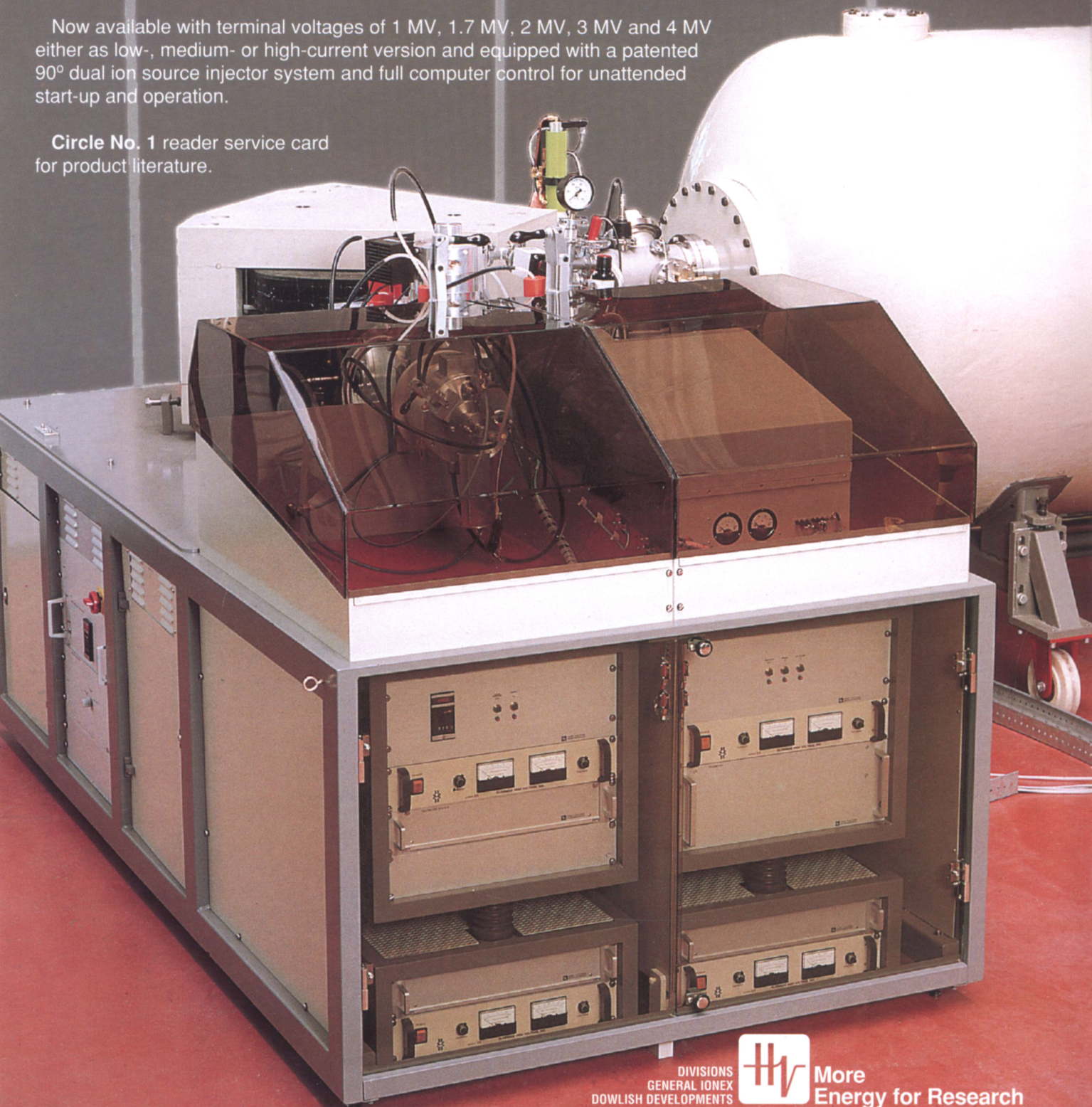
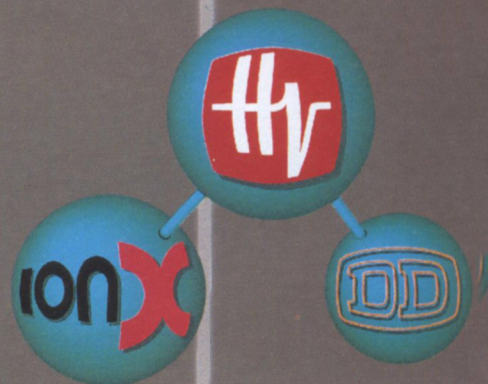
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NUCLEAR WASTE DISPOSAL

- 16 Materials Science of Radioactive Waste Forms**
R.C. Ewing and W. Lutze,
Guest Editors
- 20 Borosilicate Glass: Future Research Requirements or "What We Don't Know"**
B. Grambow
- 24 Materials Characteristics and Dissolution Behavior of Spent Nuclear Fuel**
L.H. Johnson and L.O. Werme
- 28 Synroc: A Suitable Waste Form for Actinides**
E.R. Vance
- 33 Cements in Radioactive Waste Disposal**
F.P. Glasser and M. Atkins
- 39 Metal Container Materials for Nuclear Waste**
R. Daniel McCright
- 43 Bentonite as a Backfill Material in a High-Level Waste Repository**
R. Grauer
- 47 Actinide Colloids in Natural Aquifer Systems**
J.I. Kim

SPECIAL FEATURE

- 57 What We Still Don't Know About Silicon**
D.J. Eaglesham

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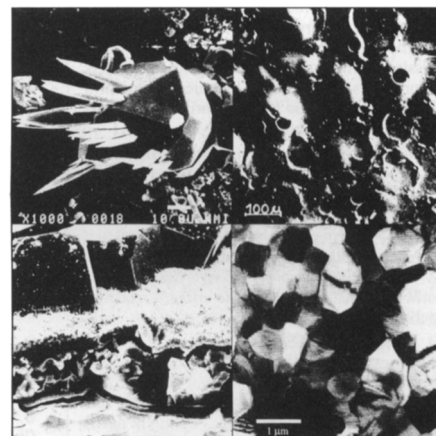
- 54 1994 E-MRS Spring Meeting Highlights Topical Symposia**

JMR ABSTRACTS

- 64 Abstracts from the February 1995 Journal of Materials Research**

DEPARTMENTS

- 3 Letter from the President**
- 4 Letters to the Editor**
- 4 From Washington**
- 6 Research/Researchers**
- 14 Editor's Choice**
- 15 Resources**
- 56 Advertisers in This Issue**
- 61 Upcoming Conferences**
- 61 Education Exchange**
- 63 Historical Note**
- 71 Classified**



ON THE COVER: Upper left: Crystalline secondary phases on corroded nuclear waste glass (large crystal: pyromorphite, $Pb_5(PO_4)_3Cl$). Scale bar: $10\mu m$. From: E. Schiewer, W. Lutze, L.A. Boatner, and B.C. Sales, *Mat. Res. Soc. Symp. Proc.* **50** (1985) Materials Research Society, p. 231. Upper right: Helium blisters formed on a glass surface above the transformation temperature. Scale bar: $100\mu m$. From: A.K. Dé, B. Luckscheiter, and W. Lutze, *Ceramic Bulletin* **55** (5) (1976) p. 500. Lower left: Crystals partially scraped away to show underlying gel layer and unreacted glass (large crystals: analcime, $NaAlSi_2O_6 \cdot H_2O$). Scale bar: $10\mu m$. From: W. Lutze, G. Malow, H. Rabe, T.J. Haedley, *Scientific Basis for Nuclear Waste Management VI* **15**, edited by D.G. Brookins (North-Holland, Amsterdam, 1988) p. 37. Lower right: Microstructure of Synroc. Scale bar: $1\mu m$. Courtesy of G.R. Lumpkin, Australian Nuclear Science and Technology Organisation, Menai, Australia.

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