



**AMERICAN  
MINING  
CONGRESS**

FOUNDED 1897  
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March 27, 1984

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The Honorable William J. Casey  
Director  
Central Intelligence Agency  
Washington, D.C. 20505

Dear Mr. Director:

Your presentation at the State Department Briefing March 20 was excellent, and I am certain that I reflect the reaction of those present in expressing deep appreciation for your taking the time to share your important views with all of us.

During the course of your observations, I commented upon the sensitivity of the sea lane problem in the Caribbean area and its relationship to nonfuel mineral materials of critical importance to the United States.

In this regard I thought you might be interested in a letter of recent date (copy enclosed) from Robert C. Horton, Director of the Bureau of Mines, to Senator Ted Stevens on this subject.

Again, congratulations on a first-rate presentation.

With warmest personal regards, I am

Sincerely,

[Redacted signature area]

STAT

Enclosure



C-115



OFFICE OF THE DIRECTOR

United States Department of the Interior

BUREAU OF MINES  
2401 E STREET, NW.  
WASHINGTON, D.C. 20241

REC'D A. M. Q.  
MAR 20 1984

March 12, 1984

Honorable Ted Stevens  
United States Senate  
Washington, D.C. 20510

Dear Senator Stevens:

The following is submitted in response to your request:

- o The U.S. depends upon imports for 30 percent of its petroleum and more than 50 percent of its supplies of more than two dozen nonfuel mineral materials of critical importance to the U.S. economy and the national security. (Enclosures 1 and 2)
- o The Soviet Union is self-sufficient for all fuel and most non-fuel mineral materials, and in those cases where it does import many of its sources are in the Communist sphere. (Enclosure 3)
- o About 90 percent of all U.S. waterborne imports are mineral materials, including fuels, and substantial quantities are regularly shipped through or near Caribbean waters.

If we can be of further help, please do not hesitate to call upon us.

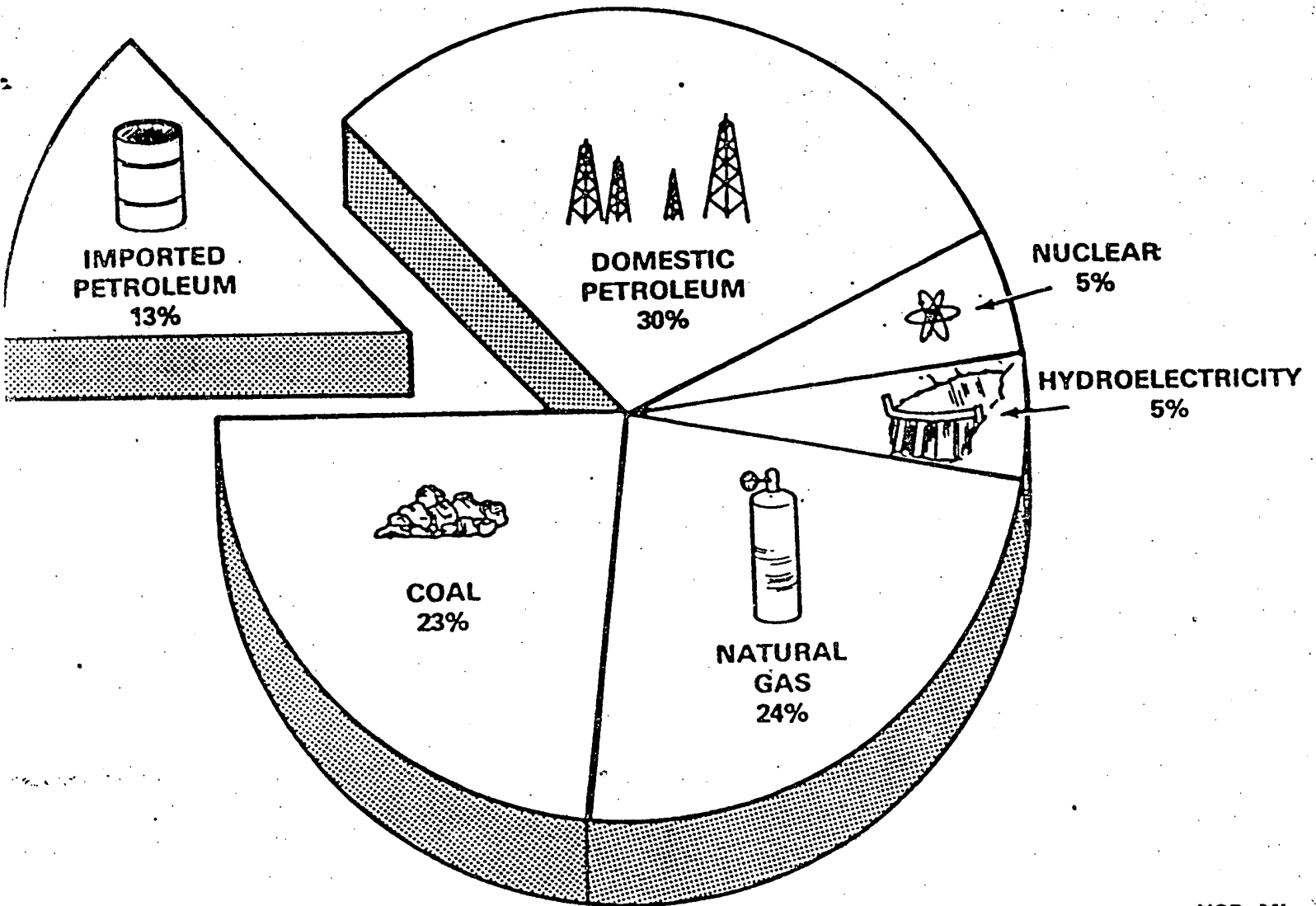
Sincerely,

*Robert C. Horton*

for Robert C. Horton  
Director

3 Enclosures

# SOURCES OF U.S. ENERGY 1983



USBuMines

**NET IMPORT RELIANCE: 1983  
SELECTED NONFUEL MINERAL MATERIALS \***

**U.S.A.**

**MAJOR SOURCES**

COLUMBIUM	100	Brazil, Canada, Thailand
MICA (SHEET)	100	India, Brazil, Belgium
STRONTIUM	100	Mexico
MANGANESE	99	So. Africa, France, Australia, Gabon
BAUXITE & ALUMINA	96	Australia, Jamaica, Guinea, Surinam
COBALT	91	Zaire, Zambia, Canada, Belg.-Lux., Japan
TANTALUM	91	Thailand, Canada, Malaysia, Brazil
PLATINUM-GROUP	84	So. Africa, USSR, UK
CHROMIUM	77	So. Africa, USSR, Phil., Zimb., Yugo.
NICKEL	77	Canada, Australia, Norway, Botswana
POTASH	75	Canada, Israel
TIN	72	Malaysia, Thailand, Bolivia, Indonesia
CADMIUM	69	Canada, Australia, Mexico, Korea
ZINC	66	Canada, Peru, Mexico, Australia
ASBESTOS	65	Canada, So. Africa
BARITE	64	China, Peru, Chile, Morocco
SILVER	61	Canada, Mexico, Peru, UK
ANTIMONY	52	So. Africa, Bolivia, China, France
VANADIUM	52	So. Africa, Canada, Finland
GYPNUM	39	Canada, Mexico, Spain
TUNGSTEN	39	Canada, Bolivia, China
IRON ORE	37	Canada, Venezuela, Brazil, Liberia
SELENIUM	37	Canada, Japan, UK, Belg.-Lux.
SILICON	30	Canada, Brazil, Norway, Venezuela
MERCURY	25	Japan, Spain, -Canada, Italy
GOLD	21	Canada, Switzerland, USSR
ALUMINUM	18	Canada, Ghana, Venezuela, Japan
COPPER	17	Chile, Canada, Peru, Zambia
SULFUR	16	Canada, Mexico
IRON & STEEL	13	Europe, Japan, Canada
LEAD	11	Canada, Mexico, Australia, Peru
NITROGEN	11	Canada, Trinidad & Tobago, USSR, Mexico

\* Also imported were substantial quantities of Rutile (Australia, Sierra Leone, S. Africa), Ilmenite (Australia, Canada), Rhenium (Chile, F.R.G.), Beryllium (China, Brazil), Zircon (Australia, S. Africa), Fluorspar (Mexico, S. Africa), and Natural Graphite (Mexico)

US 8/1/83

**NET IMPORT RELIANCE: 1983 est.  
SELECTED NONFUEL MINERAL MATERIALS**

**U.S.S.R.**

**MAJOR SOURCES**

COLUMBIUM		
MICA (SHEET)	2	India
STRONTIUM		
MANGANESE		
BAUXITE & ALUMINA	48	Greece, Guinea, Hungary, India, Yugo.
COBALT	47	Cuba
TANTALUM		
PLATINUM-GROUP		
CHROMIUM		
NICKEL		
POTASH		
TIN	33	Malaysia, Singapore, UK
CADMIUM		
ZINC		
ASBESTOS		
BARITE	49	Bulgaria, No. Korea, Yugoslavia
SILVER	10	Switzerland, UK
ANTIMONY	8	Yugoslavia
VANADIUM		
GYPSUM		
TUNGSTEN	34	China, Mongolia
IRON ORE		
SELENIUM		
SILICON		
MERCURY		
GOLD		
ALUMINUM		
COPPER		
SULFUR		
IRON & STEEL	13	Belg.-Lux., Italy, Japan, W. Germany
LEAD		
NITROGEN		
MOLYBDENUM	8	Mongolia

USBuMines