State of Idaho

Department of State

CERTIFICATE OF INCORPORATION

OF

ADVANCED PLASMA PROCESSES COMPANY, INC.

I, PETE T. CENARRUSA, Secretary of State of the State of Idaho, hereby certify that duplicate originals of Articles of Incorporation for the incorporation of the above named corporation, duly signed pursuant to the provisions of the Idaho Business Corporation Act, have been received in this office and are found to conform to law.

ACCORDINGLY and by virtue of the authority vested in me by law, I issue this Certificate of Incorporation and attach hereto a duplicate original of the Articles of Incorporation.

Dated: January 3, 1994



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ARTICLES OF INCORPORATION

OF

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ADVANCED PLASMA PROCESSES COMPANY, INC.

The undersigned, acting as incorporators under the Idaho Business Corporation Act, hereby adopt the following Articles of Incorporation:

ARTICLE ONE

NAME

The name of the corporation is Advanced Plasma Processes Company, Inc.

ARTICLE TWO

DURATION

The duration of the corporation shall be perpetual.

ARTICLE THREE

PURPOSES AND POWERS

The purposes of the corporation and its powers are the transaction of any and all lawful business for which corporations may be incorporated under the Idaho Business Corporations Act.

ARTICLE FOUR

STOCK

The aggregate number of shares which the corporation shall have authority to issue is 100 in number and they shall be of no par value. Shares of stock which shall have been fully paid for shall be nonassessable.

ARTICLE FIVE

REGISTERED OFFICE AND REGISTERED AGENT

The location and address of the initial registered office of the corporation is 3038 Druvor Street, Idaho Falls, ID 83402 and the name of its initial registered agent at such address is Robert P. Harmon.

ARTICLE SIX

BOARD OF DIRECTORS

The number of directors constituting the initial board of directors is three, and the names and addresses of the persons who are to serve as directors until the first annual meeting of shareholders or until their successors are elected and shall qualify are:

N	a	m	e

Address

Michael	P.F.	Houlihan	2730 Homestead Lane Idaho Falls, ID 83404

Robert P. Harmon 3038 Druvor Street Idaho Falls, ID 83402

Arthur D. Watkins 625 Dickson Avenue Idaho Falls, ID 83402

ARTICLE SEVEN INCORPORATORS

The name and address of each incorporator is:

<u>Name</u>

Address

Michael P.F. Houlihan 2730 Homestead Lane Idaho Falls, ID 83404

Robert P. Harmon 3038 Druvor Street Idaho Falls, ID 83402

Arthur D. Watkins

625 Dickson Avenue Idaho Falls, ID 83402

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 29 day of December, 1993.

Michael P.F. Houlihan

Robert P. Harnon

Arthur D. Watkins

STATE OF IDAHO

ss.

County of Bonneville

on this 29 day of December, 1993, before me, a Notary Public in and for said State, personally appeared Michael P.F. Houlihan, known or identified to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Notary Public for Idaho Residing at: Idaho Falls

My Commission Expires: 6-17-99

(SEAL)

STATE OF IDAHO ss. County of Bonneville On this 29 day of December, 1993, before me, ochran a Notary Public in and for said State, personally appeared Robert P. Harmon, known or identified to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written. Notary Public for Idaho Residing at: Idaho Falls My Commission Expires: 6-17-99 (SEAL) STATE OF IDAHO County of Bonneville On this 29'-day of December, 1993, before me, ochran, a Notary Public in and for said State, personally appeared Arthur D. Watkins, known or identified to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Notary Public for Idaho
Residing at: Idaho Falls

My Commission Expires: 6-17-99

(SEAL)