



BHARATIYA NABHIKIYA VIDYUT NIGAM LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE)



5th Annual Report 2007 - 2008



Dignitaries witnessing Safety Vessel Erection.

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Board of Directors



Dr. S.K. Jain, Chairman & Managing Director



Shri V.P. Raja
Director



Shri V.R. Sadasivam
Director



Dr. S. Banerjee
Director



Dr. Baldev Raj
Director



Shri S.C. Chetal
Director



Shri S.P. Sethi
Director



Shri Puneet K. Goel
Director



Shri R. Prabhakar
Director (Technical)



Shri Prabhat Kumar
Director (Construction)



CA. B.S. Goyal
Director (Finance)



CS. V. Viswanathan
Company Secretary

Company Information

Registered Office:
No. 51, (1st Floor),
Montieth Road,
Egmore,
Chennai - 600 008

Corporate & Project Office:

BHAVINI Admn. Building,
Kalpakkam, 603 102,
Kancheepuram Dist.,
Tamil Nadu.

Statutory Auditors:

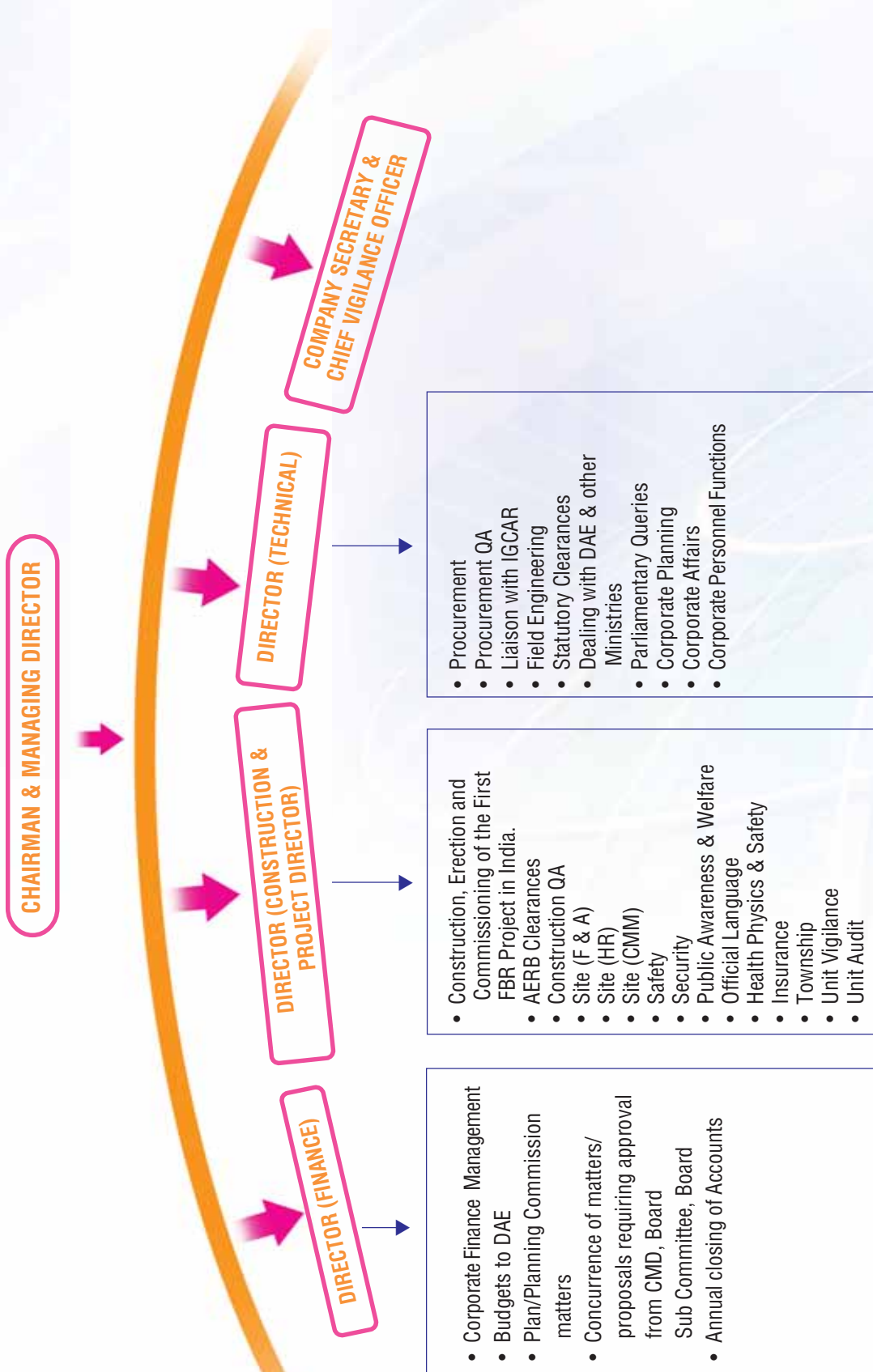
M/s. M.K. Dandekar & Co.
Chartered Accountants,
No. 244, (Old No. 138)
Angappa Naicken Street
Chennai - 600 001.

Main Banker:
State Bank of India

Other Bankers:
Indian Bank
Punjab National Bank

Web Site: www.bhavini.nic.in

Organisation Chart



CHAIRMAN AND MANAGING DIRECTOR'S STATEMENT



Gentlemen,

I welcome you all to the 5th Annual General Meeting of your Company.

To attain Energy Security, India has, inter-alia, drawn up three stage Nuclear Power Programme. Your company is responsible for the second stage Programme i.e. generation of electrical power through Fast Breeder Reactors (FBR).

It gives me indeed a great pleasure to inform you that the activities of PFBR, the first Project of your Company are progressing well. Major packages have been awarded. Sodium tanks are being installed. Placing of Safety Vessel at Reactor Vault is planned on 24th June, 2008.

Human Resource Management has been given major emphasis with a view to maximising the potential utilization within the Company. Major challenges in HR Management included those associated with the attraction of talent and retention of experienced work force. A series of HR initiatives were taken, including improvement in compensation packages, making sites attractive for working.

Harmonious employee relationship has prevailed in the Project. Not a single man-day was lost due to industrial unrest of any kind. Continuous efforts are on to ensure transparency in all dealings and the Company has been responding to all RTI related queries to the satisfaction of the clients.

In order to support a growth rate of 8%, the Government of India had constituted a high level committee to study and recommend a roadmap for meeting the energy requirement for the next 25 years. Such a policy, drafted for the first time ever, suggests unprecedented

contribution from Nuclear Power in this duration. Your company is geared up for the challenge and has chalked out strategies for achieving the target. We would however need your support in all our ventures which will be only in the interest of the country and its stakeholders.

Department of Public Enterprises (DPE) has issued Guidelines on Corporate Governance for Central Public Sector Enterprises (CPSE) in June, 2007. Para 2.3 of the said guidelines states that non-listed CPSEs may follow the said guidelines voluntarily. Since the importance of Corporate Governance has always been recognized by the Government & Management of the Company, BHAVINI, being a non-listed CPSE, voluntarily complies with the Corporate Governance guidelines issued by DPE.

I would like to express my gratitude to the Department of Atomic Energy, various other Ministries, Planning Commission, Atomic Energy Regulatory Board and other Departments of the Government of India for their support. I would also like to place on record the excellent support extended by Indira Gandhi Centre for Atomic Research, Nuclear Power Corporation of India Limited, Bhabha Atomic Research Centre, Nuclear Fuel Complex, Heavy Water Board, Electronics Corporation of India Limited and other units of Department of Atomic Energy for the implementation of PFBR. I am thankful to the Statutory Auditors, the Comptroller and Auditor General of India for their services and valuable advice.

I express my sincere thanks to Directors on the Board, each and every employee, supporting industries, consultants and other stakeholders of your Company.

I now move the Directors' Report and Audited Accounts for the year 2007-08 for your consideration and adoption.

Sd/-
(Dr. S.K. Jain)
Chairman & Managing Director

Place : Chennai
Date : 23rd June, 2008

DIRECTORS' REPORT

Dear Stakeholders,

Your Directors are pleased to present the Fifth Annual Report, together with the Audited Statement of Accounts for the year ended 31st March 2008.

PROJECT PROGRESS

Construction Activities:

(a) Nuclear Island:

Reactor Vault (RV) has been completed up to EL 26.715 m and being released for Safety Vessel (SV) erection.

The fabrication & erection of upper lateral segments along with Biological Shield Cooling Pipes are completed and the assembly of panels as a single unit for erection is in progress.

In Reactor Containment Building the part slab at EL 30 m is completed and the Argon Buffer Tank cell Wall is completed upto EL 27 m. In Steam Generator Building-1 & 2 part slab at EL 37.5 m is completed and lime stone concreting at EL 12 m is completed and ready for erection of Secondary Sodium Storage Tanks.

In Control Building and Electrical Building 1 & 2, the slab at EL 51 m is completed and the slab at EL 37.5 m is completed for RAD Waste Building. The concreting of Spent Sub-Assembly Storage Bay wall is completed at EL 27.4m.

(b) Peripheral Buildings:

The construction of Service Building & Service Water Pump House has been completed; flooring & finishing works are in progress and the works of Lighting & Power Socket package has been started. The DG deck slab is completed for Diesel Generator Building-1 and is in progress for Diesel Generator Building-2. The Structural works for Horton Sphere and Fuel Oil Storage 1&2 have been completed. The construction of Ventilation Stack is completed upto EL 33.7 m. Construction of Tunnels & Trenches around NICB is in progress.

(c) Balance of Plant (BOP):

In Turbine Building, seven pour of PCC below the TG deck has been completed.

D.M. Plant: - 34/56 nos. of footing pedestal and 15/56 column have been completed up to grade beam level.

In Seawater Intake Structure the Deck slab of 13 m length has been cast and Seal pit floor slab / raft has also been cast and Pile concreting (2 Nos.) completed.

Seawater Outfall Channel is completed up to 230 m out of 1600 m. The Shore Protection is completed up to 215 m out of 1700 m and the Tsunami Protection Bund is completed up to 900 m out of 1730 m.

In the Raw Water, Domestic Water & Service Water Pump House Building, the Foundation Raft is completed and construction of RCC Wall is in progress (completed up to EL 16.7 m)

In Construction of 230kV Indoor switchyard, the GIS Building columns and the Control Building columns above plinth beam are completed. Transformer Foundations for 50MVA & 70MVA raft are completed. Tower Foundation excavation and PCC are completed. Raw Water Open Reservoir columns up to base slab are completed and 3rd pour of the slab shuttering and reinforcement work is in progress.

The first floor slab of Simulator Building is cast and the Panel fabrication is in progress at ECIL.

Manufacture of Nuclear Components:-

Fabrication of Safety Vessel with Thermal Insulation Panels, Sodium Storage Tanks and Argon Buffer Tanks has been completed and the Core Catcher, Core Support Structure and Electrical Penetration Assemblies have been received at site.

The fabrication of Main Vessel is nearing completion and integration of Core Catcher & Core Support Structure with Main Vessel will be taken up shortly after completion of Main Vessel.

The sectors of the Roof Slab and cooling boxes have been received at site from industry and integration has commenced.

Primary Pipe and Grid Plate are in final stage of machining and the assembly with sleeves will commence shortly. The hardfacing with colmonoy has been completed successfully using custom built furnace and deposition systems.

The manufacture of tube bundle assemblies in Steam Generator is at advanced stage.

Procurement Activities: -

The Purchase Order / work Orders for major packages like Instrumentation & Control System, Simulator, Emergency Diesel Generators, Class II Power Supplies, Variable Speed Drive Systems, Turbine Generator and Associated Steam Water System, Electrical Systems like 6.6kV Switchgear and Balance of Plant systems like AC & Ventilation & Nitrogen and Argon supply, Plant Fire Protection System, Raw Water Domestic Water & Service Water System have been placed during this FY 2007-08.

Fabrication and manufacture of major long delivery equipments like Sodium to Sodium & Sodium to Air heat Exchanger, 280/85T RCB Crane, Sodium service valves, SGDHR tanks and Cold Traps, Large dia pipes and pipe fittings and seamless pipes for sodium systems, 4 x 4500 KVA DG sets, Fresh Sub Assembly Transfer Chamber (FSTC) are in progress at various industries. 56 Tones of Nuclear Grade Sodium received at site.

Tender Packages:-

Tenders have been raised for Spent Sub assembly Storage Racks and Air Dampers.

Tender evaluation is in process for Sodium Piping Package, Transfer Chamber Carriage and Sodium Service Valves and utilities piping.

Part-II evaluation is in process for 415V PCC Package, I & C No-break power supplies, Fresh Sub assembly Storage Bay and Sea Water Pump House.

Physical Progress:

As on 31st May 2008 the overall physical progress achieved by the Project is 35%.

FINANCIAL PROGRESS

For the year 2007-2008, Rs.390 Crores was drawn as equity against the revised estimate of Rs.500 Crores, considering the actual requirements. Since inception, total equity drawn is Rs.978.15 Crores upto 31st March, 2008.

It may be noted that:

- a) Fixed Assets amounting to Rs.16.92 Crores have been capitalized during the year. Value of assets capitalized since inception is Rs.60.02 Crores.
- b) Assets amounting to Rs.866 Crores are under construction.
- c) A sum of Rs.15.28 Crores (net of incomes and receipts) has been spent during the year towards various expenses as 'expenditure during construction, pending allocation'.

HUMAN RESOURCES

For implementation of PFBR, Fast Reactor technological expertise of IGCAR and the management skills of NPCIL in the construction of Nuclear Power Plants will have to be synthesized and accordingly 33 officials have been drawn from IGCAR/NFC and 59 from NPCIL as on 31st March 2008. Total manpower as on the said date was 238 which includes 146 officials on the rolls of BHAVINI.

PARTICULARS OF EMPLOYEES

None of the employees is in receipt of remuneration exceeding the amount as prescribed under section 217(2A) of the Companies Act, 1956.

INDUSTRIAL RELATIONS

During the year, the Industrial relations at the Project Site were peaceful and cordial.

IMPLEMENTATION OF OFFICIAL LANGUAGE POLICY:-

Official Language Implementation Committee (OLIC) was constituted in BHAVINI for effective implementation of the Official Language Policy of the Government of India. The Committee ensured the compliance of OL Act and Annual Programme issued by the Department of Official Language, Govt. of India.

Hindi classes under Hindi Teaching Scheme were started in BHAVINI. BHAVINI Intranet and website were developed in bilingual. Circulars, Office Orders were issued in bilingual.

CORPORATE SOCIAL RESPONSIBILITY

BHAVINI is conscious of its social obligations as a responsible corporate entity. Our aim is to enhance the quality of life of people living in the villages around Kalpakkam, through our social welfare programmes.

The Company's social welfare activities mainly focused on four major cornerstones ie. Health Care, Education, Infrastructure Development & Environment.

Specific activities are identified through local needs. The attempt is to supplements effort of the state government in this regard. A high level committee examines and recommends the schemes for implementation.

Several programmes to develop green belt, vocational training for village youth, science education for young children, general awareness of health and hygiene



Maternity Ward at Sadras Govt. Hospital

programmes, medical check ups for villagers around Kalpakkam were undertaken jointly with other units of DAE at Kalpakkam without financial commitment from BHAVINI. During the year under review, BHAVINI has



Compound Wall constructed at Neighbourhood School.

constructed a community hall at Nallathur Village, Foot over Bridge across Buckingham canal for the benefit of Oyyalikuppam village, a Palvadi building for primary school at Neikuppi and Compound wall around Vengambakkam high school. Drinking water facility and hygienic toilet facility were provided to three schools at Sadras.



Community Hall, Nallathur

THE RIGHT TO INFORMATION ACT, 2005

The Right to Information Act, 2005 has come into force w.e.f 12.10.2005. In BHAVINI, a Central Public Information Officer and an Appellate Authority have been appointed along with two Assistant Public Information Officers at site.

Four requests were received during the year 2007-08 under the Act, which have been replied and there was no appeal.

CONSERVATION OF ENERGY:

A) Company's first project is under construction. Design engineering has taken adequate measures to implement Energy conservation measures at the construction stage and later on during reactor operation phase.

B) Additional investments and proposals for reduction of consumption of energy:

Importance of energy conservation is continuously being imparted.

These measures have yielded positive results.

FOREIGN EXCHANGE EARNINGS AND OUTGO

(Rs. in lacs)

	2007-08	2006-07
Foreign Exchange Earning	NIL	NIL
Foreign Exchange Outgo	3249.94	7.92

CORPORATE GOVERNANCE

A compliance report on Corporate Governance is given as Annexure-A.

Compliance of Corporate Governance Guidelines issued by DPE has been verified and certified by Shri G.P.Venkateswaran, Practicing Company Secretary. A copy of the certificate is annexed to this report as Annexure B

MANAGEMENT DISCUSSION AND ANALYSIS

PFBR, a techno commercial venture of Fast Breeder Reactor technology, represents the commencement of the second stage of Country's Nuclear Power Programme. By the year 2020, four more fast reactors of 500 MWe each are planned to be installed. The FBR programme can sustain a generation capacity of about 42,231 GWe-year and is expected to provide energy security to our country. Your Company has a significant role to play in the power sector in the future.

The endeavor of your Company is to complete PFBR in time and within the cost estimate so that a strong foundation is laid for the FBR programme.

The Indian industry is also playing a major role in the construction of PFBR, a first of a kind reactor.

DIRECTORS' RESPONSIBILITY STATEMENT

The Directors confirm:

1. that in the preparation of the annual accounts, the applicable accounting standards have been followed, along with proper explanation relating to material departures;
2. that they have selected such accounting policies and applied them consistently and made judgements and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the Company at the end of the financial year and of the profit or loss of the Company for that period;

3. that they have taken proper and sufficient care for the maintenance of adequate accounting records, in accordance with the provisions of the Companies Act, 1956 for safeguarding the assets of the Company and for preventing and detecting fraud and other irregularities;
4. that they have prepared the annual accounts on a going concern basis.

OBSERVATIONS OF AUDITORS

- a) Observations of the Statutory Auditors:

The Directors inform the Stakeholders with pleasure that for the 5th successive year, this year also there is no qualification in the report of the Statutory Auditors on the accounts of the Company for the year ended 31st March 2008.

- b) Comments of the Comptroller & Auditor General of India:

The Directors further inform that the Principal Director of Commercial Audit & Ex-Officio Member Audit Board, Chennai, after conducting a supplementary audit, on the financial statements for the year ended 31st March 2008, under Section 619(3) (b) of the Companies Act 1956, has conveyed, vide their letter No. PDCA/CA-Cord-IV/Bhavini-4-184-2008-09/08 Dt.09/06/2008 that "On the basis of my audit nothing significant has come to my knowledge which would give rise to any comment upon or supplement to Statutory Auditors' report under Section 619(4) of the

Companies Act 1956". This is the 5th successive year that a 'Nil' comment report has been received.

APPRECIATION

The Board would like to express its gratitude to the Department of Atomic Energy, various other Ministries, Planning Commission, Atomic Energy Regulatory Board and other Departments of the Government of India for their support. The Board of Directors would also like to place on record with gratitude for the excellent support provided by Indira Gandhi Centre for Atomic Research, Nuclear Power Corporation of India Limited, Heavy Water Board, Bhabha Atomic Research Centre, Nuclear Fuel Complex, Electronic Corporation of India Limited and other units of DAE and Indian Industries and consultants for implementation of PFBR. The Board would further like to place on record its appreciation for the services rendered by Auditors.

The Board wishes to express its special appreciation of hard work put in by each and every employee of the Company which gives confidence that the PFBR Project can be built and commissioned within the targeted schedule.

For and behalf of Board of Directors

Place: Chennai
Date: 23rd June, 2008

Sd/-
(Dr. S.K. Jain)
Chairman & Managing Director

REPORT ON CORPORATE GOVERNANCE

Department of Public Enterprises (DPE) has issued Guidelines on Corporate Governance for Central Public Sector Enterprises (CPSE) in June, 2007. Para 2.3 of the said guidelines states that non-listed CPSEs may follow the said guidelines voluntarily. BHAVINI is a non listed CPSE. Since the importance of Corporate Governance has always been recognized by the Government & Management of the Company, it has been decided that the Company would comply with the Corporate Governance guidelines issued by DPE.

1) COMPANY'S PHILOSOPHY ON CORPORATE GOVERNANCE:-

BHAVINI's business philosophy appreciates the need for upholding the highest standard of Corporate Governance in its operations. The management of the Company believes that strong and sound Corporate Governance is an important instrument for the protection of stakeholders and good Corporate Governance practices would enable

it to face the challenges of growth effectively and successfully.

2) BOARD OF DIRECTORS:-

Presently Board comprises Chairman & Managing Director, three Whole Time Directors and seven Non-Executive Directors.

All Directors are professionals and have wide experience in their respective fields. A brief resume of all the Directors is given at the end of this Annual Report.

Four Meetings of Board of Directors have been held during the year 2007-08 on 31st May, 2007, 22nd August, 2007, 27th November, 2007 and 31st March, 2008. A table showing the composition of the Board and the attendance of the Members of the Board at Board Meetings and Annual General Meeting held during the year is given below:-

Sl. No	Name	Director Identification Number	Meeting attended	Attendance at the last AGM (22/08/2007)	No. of other directorship
1	Dr. S.K. Jain, CMD	00044649	4	Yes	1
2	Shri V.P. Raja	00543528	1	No	1
3	Shri V.R.Sadasivam	01734028	1	No	4
4	Dr. S. Banerjee	00051953	2	No	1
5	Dr. Baldev Raj	00044813	4	Yes	None
6	Shri S.C. Chetal	00001707	4	No	None
7	Shri S.P. Sethi	00051416	2	No	None
8	Shri Puneet K. Goel	00289592	1	No	None
9	Shri R. Prabhakar Director (Technical)	00001448	4	Yes	None
10	Shri Prabhat Kumar Director (Construction)	00001683	4	Yes	None
11	CA. B.S. Goyal Director (Finance)	00001382	4	Yes	None

- Directors under Sl. No.2&3 are Part-Time Government Directors
- Requirement under the DPE Guidelines for BHAVINI (being non-listed CPSE) is at least 1/3rd of the Board Members should be independent Directors. Directors under Sl. No.4 to 8 are Independent Directors.
- None of the Directors is member in more than 10 committees or acts as Chairman of more than five committees across all the companies in which he is a Director. Committees here mean Audit Committee & Shareholders' Grievance Committee only.
- The Board has constituted the following committees:-
 1. Audit Committee
 2. Board Sub Committee on Contracts & Purchases
 3. Share Allotment & Transfer Committee

3) AUDIT COMMITTEE:-

Board reconstituted the Audit Committee adhering the DPE Guidelines on Corporate Governance at its 20th Meeting held on 27th November, 2007. Presently Audit Committee comprises of two Independent Directors and one Part-time Government Director.

All are experienced professionals and have fair financial knowledge. Director (Finance), Statutory Auditors & Internal Auditors are invitees.

Four Meetings of Audit Committee have been held during the year 2007-08 on 31st May, 2007, 22nd August, 2007, 7th January, 2008 and 31st March, 2008. A table showing the composition of the Audit Committee and the attendance of the Members of the Audit Committee at its Meetings held during the year is given below:-

Sl. No.	Name	No. of Meetings attended
1.	Dr.Baldev Raj, Chairman	4
2.	Shri R.C.Joshi (Ceased to be Member w.e.f. 08.06.2007)	—
3.	Shri V.P.Raja (Ceased to be Member w.e.f. 27.11.2007)	—
4.	Shri V.R.Sadasivam (w.e.f. 18.07.2007)	1
5.	Shri S.C.Chetal (w.e.f. 27.11.2007)	2
6.	Shri R.Prabhakar (Ceased to be Member w.e.f. 27.11.2007)	2

Brief Terms of Reference of Audit Committee:-

- 1 Oversight of the company's financial reporting process and the disclosure of its financial information to ensure that the financial statement is correct, sufficient and credible.
- 2 Recommending to the Board the fixation of audit fees.
- 3 Approval of payment to statutory auditors for any other services rendered by the statutory auditors.
- 4 Reviewing, with the management, the annual financial statements before submission to the Board for approval, with particular reference to:
 - a. Matters required to be included in the Directors' Responsibility Statement to be included in the Board's Report in terms of clause (2AA) of section 217 of the Companies Act, 1956.
 - b. Changes, if any, in accounting policies and practices and reasons for the same;
 - c. Major accounting entries involving estimates based on the exercise of judgement by management.
 - d. Significant adjustments made in the financial statements arising out of audit findings;
 - e. Compliance with legal requirements relating to financial statements.
 - f. Disclosure of any related party transactions; and
 - g. Qualifications in the draft audit report.
- 5 Reviewing, with the management, the quarterly financial statements before submission to the Board for approval.
- 6 Reviewing, with the management, performance of internal auditors and adequacy of the internal control systems.
- 7 Reviewing the adequacy of internal audit function, if any, including the structure of the internal audit department, staffing and seniority of the official heading the department, reporting structure coverage and frequency of internal audit.
- 8 Discussion with internal auditors and / or auditors any significant findings and follow up thereon.
- 9 Reviewing the findings of any internal investigations by the internal auditors / auditors / agencies into matters where there is suspected fraud or irregularity or a failure of internal control systems of a material nature and reporting the matter to the Board.
- 10 Discussion with statutory auditors before the audit commences, about the nature and scope of audit as well as post-audit discussion to ascertain any area of concern.
- 11 To look into the reasons for substantial defaults in the payment to the depositors, debenture holders, shareholders (in case of non payment of declared dividends) and creditors.
- 12 To review the functioning of the Whistle Blower Mechanism.
- 13 To review the follow up action on the audit observations of the C&AG audit.
- 14 To review the follow up action taken on the recommendations of Committee on Public Undertakings (COPU) of the Parliament.

- 15 Provide an open avenue of communication between the independent auditor, internal auditor and the Board of Directors.
- 16 Review and pre-approve all related party transactions in the company. For this purpose, the Audit Committee may designate a member who shall be responsible for pre-approving related party transactions.
- 17 Review with the independent auditor the coordination of audit efforts to assure completeness of coverage, reduction of redundant efforts, and the effective use of all audit resources.
- 18 Consider and review the following with the independent auditor and the management
 - The adequacy of internal controls including computerized information system controls and security, and
 - Related findings and recommendations of the independent auditor and internal auditor, together with the management responses.
- 19 Consider and review the following with the management, internal auditor and the independent auditor:
 - Significant findings during the year, including the status of previous audit recommendations
 - Any difficulties encountered during audit work including any restrictions on the scope of activities or access to required information.

4) BOARD SUB COMMITTEE (CONTRACTS & PURCHASES):

This Sub-Committee is entrusted with the responsibility of approving the Contracts & Purchases for the Company, which are above the delegated powers to Chairman & Managing Director but upto the limit of Rs.100 Crores. The Committee met six times during the year 2007-08 on 31st May, 2007, 3rd August, 2007, 22nd August, 2007, 27th November, 2007, 15th February, 2008 and 31st March, 2008. Presently, this Committee comprises of

1. Dr. S.K. Jain - Chairman
2. Shri V.P. Raja - Member
3. Shri V.R.Sadasivam - Member
4. Shri R. Prabhakar - Member
5. CA. B.S. Goyal - Member

Shri Prabhat Kumar is a permanent invitee.

5) SHARE ALLOTMENT AND TRANSFER COMMITTEE:

This Committee considers the allotment and transfer of Shares and issuance of share certificates

and other matters incidental thereto. Committee met two times during the financial year on 27th November, 2007 and 31st March, 2008. This Committee presently consists of the following Members:-

1. Dr. S.K. Jain - Chairman
2. Shri V.P. Raja - Member
3. Shri V.R.Sadasivam - Member
4. Shri Prabhat Kumar - Member

6) DISCLOSURES:-

- The Company has not entered into any materially significant transactions, during the year 2007-2008 with Promoters, Directors, Senior Management personnel, etc. other than the transactions, if any, entered into, in the normal course of Company's business.
- Report on Statutory Compliance are placed before the Board annually at the first meeting of the financial year. No penalties, strictures imposed on the Company by any statutory authority on any matter related any guidelines issued by Government of India.
- It is confirmed that no presidential directives have been issued by the Central Government during the financial year.
- It is confirmed that items of expenditure debited in books of accounts are for the purpose of the business only except amount spent on corporate social responsibility activities.
- It is confirmed that no personnel has been denied access to the Audit Committee.

7) MEANS OF COMMUNICATION:-

- The Company's website (www.bhavini.nic.in) provides information on the Company and its performance.
- Matters of interest to employees are circulated internally through intranet in the form of Notices, Office Orders and Circulars.
- Company's first project is under construction. Entire shareholding of the Company is held by President of India and his nominees. Hence, publication of financial results is not applicable.

8) AUDIT QUALIFICATION:-

- For the 5th successive year, this year also there is no audit qualification in the report of the Statutory Auditors on the accounts of the Company for the year ended 31st March 2008.

9) RISK MANAGEMENT - FRAUD PREVENTION POLICY (WHISTLE BLOWER POLICY):-

Guidelines on Corporate Governance (para 6.3.2.) issued by Department of Public Enterprises (DPE) requires that the Board should implement policies and procedures which should include:-

- (a) Staff responsibilities in relation to fraud prevention and identification
- (b) Responsibility of fraud investigation once a fraud has been identified
- (c) Process of reporting on fraud related matters to Management
- (d) Reporting and recording processes to be followed to record allegations of fraud

(e) Requirements of training to be conducted on fraud prevention and identification

Accordingly BHAVINI has framed Risk Management - Fraud Prevention Policy which is in force w.e.f. 15th January, 2008. The said policy has been posted in the website of the Company.

10) CODE OF CONDUCT:-

The Board of Directors has laid down a Code of Conduct for the Board Members and Sr. Management personnel of the Company. A copy of the Code is available on the website of the Company.

All the members of the Board and Senior Management Personnel have affirmed compliance of the respective Code of Conduct for the financial year ended on March, 31, 2008.

Certificate of the Practicing Company Secretary on Corporate Governance

To

The Members,
Bharatiya Nabhikiya Vidyut Nigam Limited,
No. 51, I Floor, Montieth Road,
Egmore, Chennai - 600 008.

I have examined the compliance of the conditions of Corporate Governance by Bharatiya Nabhikiya Vidyut Nigam Limited for the year ended 31st March 2008 as stipulated in the Guidelines on Corporate Governance for Central Public Sector Enterprises 2007 issued by the Government of India in June 2007.

The Corporate Governance requirements specified in the Guidelines on Corporate Governance for Central Public Sector Enterprises 2007 issued by the Government of India in June 2007 are recommended by Government of India for implementation by the Central Public Sector Enterprises. The compliance of the conditions of Corporate Governance is the responsibility of the management. My examination was limited to a review of the procedures and implementation thereof, adopted by the company for ensuring the

compliance with the conditions of the Corporate Governance recommended by the Government of India. It is neither an audit nor an expression of opinion on the financial statements of the company.

In my opinion and to the best of my information and according to the explanation given to me and the representation made by the management, I certify that the company has generally complied with conditions of Corporate Governance to the extent possible as recommended by the Government of India in their Guidelines on Corporate Governance for Central Public Sector Enterprises issued in June 2007.

I further state that such compliance is neither an assurance as to the future viability of the company nor the efficiency with which the management has conducted the affairs of the company.

Sd/-

Place : Chennai
Date : 24th May 2008

G.P. Venkateswaran
Company Secretary
F.C.S. 1208
C.P. 1746

History of Annual Accounts Approval / Adoption

Year Ended	Approved by Board On	Signed by Auditor on	CAG comments received on	Adopted by Members on
31.03.2004	27.07.2004	06.08.2004	25.08.2004	20.09.2004
31.03.2005	28.06.2005	11.07.2005	08.08.2005	18.08.2005
31.03.2006	12.06.2006	16.06.2006	28.06.2006	26.07.2006
31.03.2007	31.05.2007	01.06.2007	15.06.2007	22.08.2007
31.03.2008	13.05.2008	13.05.2008	09.06.2008	23.06.2008

AUDITORS' REPORT

TO THE MEMBERS OF BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.

1. We have audited the attached Balance Sheet of **BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.**, as at March 31, 2008, and the Statement of expenditure during construction period pending allocation for the year ended on that date prepared in lieu of Profit and Loss Account, annexed thereto. These financial statements are the responsibility of the Company's Management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. We conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by Management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.
3. As required by the Companies (Auditor's Report) Order, 2003, issued by the Central Government of India in terms of sub-section (4A) of Section 227 of the Companies Act, 1956, we enclose in the annexure a statement on the matters specified in Paragraphs 4 and 5 of the said order.
4. Further to our comments in the Annexure referred to above, we report that,
 - (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purposes of our audit;
 - (ii) In our opinion, proper books of account as required by law have been kept by the Company so far as appears from our examination of those books;

- (iii) The Balance Sheet and Statement of Expenditure during construction period pending allocation dealt with by this report are in agreement with the books of account;
- (iv) In our opinion, the Balance Sheet and Statement of Expenditure during construction period pending allocation dealt with by this report comply with the Accounting Standards referred to in Sub-Section (3C) of Section 211 of the Companies Act, 1956;
- (v) As explained to us, in terms of circular dated 22nd March 2002 issued by the Department of Company Affairs, provisions of Sec 274(1)(g) regarding disqualification of the Directors, are not attracted by the Company.
- (vi) In our opinion and to the best of our information and according to explanations given to us, the said Financial statements give the information required by the Companies Act, 1956 in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India.
 - (a) In the case of the Balance Sheet, of the state of affairs of the Company as at 31st March 2008; and
 - (b) In the case of the Statement of Expenditure during construction period pending allocation, of the expenditure pending allocation for the year ended on that date.

**For M.K. DANDEKER & CO.,
CHARTERED ACCOUNTANTS**

Sd/-

**(S. Neelakantan)
Partner**

M.NO.018961

Place: Kalpakam
Date: 13th May 2008

Annexure referred to in paragraph 3 of the report of the even date of the Auditors to the Members of BHARATIYA NABHIKIYA VIDYUT NIGAM LTD. on the accounts for the period ended 31st March 2008.

- | | |
|--|--|
| <p>(i) In respect of its fixed assets</p> <p>(a) The Company has maintained records showing full particulars, including quantitative details and situation of fixed assets. However comprehensive fixed assets register is being compiled.</p> <p>(b) The Fixed Assets have been physically verified by the Management at regular intervals. No material discrepancies were noticed on such verification.</p> | <p>register maintained under section 301 of the Companies Act, 1956 and therefore paragraph 4(v) of the said Order is not applicable.</p> |
| <p>(ii) In respect of its inventories:</p> <p>(a) As explained to us, inventories have been physically verified by the management at regular intervals during the year.</p> <p>(b) In our opinion and according to the information and explanation given to us, the procedures of physical verification of inventories followed by the management are reasonable and adequate in relation to the size of the Company and the nature of its business.</p> <p>(c) The Company has maintained proper records of inventories. As explained to us, no material discrepancies were noticed on physical verification of inventory as compared to stock records.</p> | <p>(vi) According to the information and explanations given to us, the Company has not accepted deposits from the public and the provisions of Section 58A and 58AA of the Act, Rules framed there under and other relevant directives issued by the Reserve Bank of India are not applicable to the Company.</p> |
| <p>(iii) The Company has neither granted nor taken any loans, secured or unsecured, to or from companies, firms or other parties covered in the register maintained under section 301 of the Act.</p> | <p>(vii) In our opinion, the Company has an Internal Audit System which commensurate with its size and nature of business.</p> |
| <p>(iv) In our opinion and according to the information and explanations given to us, there is an adequate internal control system commensurate with the size of the Company and the nature of the business for the purchase of inventory and fixed assets. As the project is under construction there is no sales activity. In our opinion there is no major weakness in the internal control system.</p> | <p>(viii) The Central Government has prescribed the maintenance of cost records as per Notification dated 21st December 2001 issued by the Department of Company Affairs, Govt of India, under section 209(1)(d) of the Companies Act, 1956, in relation to the activities of the Company. In our opinion and as explained to us, the company's Plant and Machinery is still under construction and yet to be installed and has no turnover during the year, therefore maintenance of cost records is not required as per provision to the clause 3 of para 2 of the said Notification. Hence, paragraph 4 (viii) of the Order is not applicable.</p> |
| <p>(v) According to the information and explanations given to us, we are of the opinion that there are no transactions that need to be entered into the</p> | <p>(ix) (a) In our opinion and according to the information and explanations given to us, the Company is generally regular in depositing undisputed statutory dues including Provident Fund, Income Tax and Sales Tax with the appropriate authorities. There are no arrears of outstanding statutory dues as at 31st March 2008 for a period of more than six months from the date they became payable.</p> <p>(b) According to the information and explanations given to us, there are no dues of, Income Tax / Sales Tax / Wealth Tax /</p> |

- Service Tax / Customs Duty/ Excise Duty/ Cess which have not been deposited on account of any dispute.
- (x) The Company has not completed five years since registration, and therefore paragraph 4(x) of the said Order is not applicable.
- (xi) The Company has not borrowed funds from any financial institution, bank or by way of debentures and therefore paragraph 4(xi) of the said Order is not applicable.
- (xii) The Company has not granted any loans and advances on the basis of security by way of pledge of share, debentures and other securities and therefore paragraph 4(xii) of the said Order is not applicable.
- (xiii) The provisions of any special statute applicable to chit fund and nidhi/mutual benefit fund/society are not applicable to the company and therefore paragraph 4(xiii) of the Order is not applicable.
- (xiv) The Company is not dealing in or trading in shares, securities, debentures and other investments and therefore paragraph 4(xiv) of the said Order is not applicable.
- (xv) According to information and explanation given to us, the Company has not given guarantee for loans taken by others from banks or financial institution and therefore paragraph 4(xv) of the Order is not applicable.
- (xvi) The Company has not availed any Term Loans during the period and therefore paragraph 4(xvi) of the said Order is not applicable.
- (xvii) The Company has not borrowed any funds either on short term basis or on long term basis and therefore paragraph 4(xvii) of the said Order is not applicable.
- (xviii) The Company has not made any preferential allotment of shares other than shares allotted to Govt. of India during the year and therefore paragraph 4(xviii) of the said Order is not applicable.
- (xix) During the year covered by our Audit Report, the Company has not issued any debentures and therefore paragraph 4(xix) of the said Order is not applicable.
- (xx) During the year covered by our Audit Report, the Company has not raised any money by public and therefore paragraph 4(xx) of the said Order is not applicable.
- (xxi) Based upon the audit procedures performed and as per the information and explanations given to us by the management, we report that no fraud on or by the Company has been noticed during the period covered by our Audit Report and therefore paragraph 4(xxi) of the said Order is not applicable.

For **M.K. DANDEKER & CO.,**
CHARTERED ACCOUNTANTS

Sd/-

(S. Neelakantan)

Partner

M.NO.018961

Place: Kalpakkam
Date: 13th May 2008

Compliance Certificate

We have conducted the audit of accounts of Bharatiya Nabhikiya Vidyut Nigam Limited for the year ended 31st March 2008 in accordance with the directions / sub-directions issued by the C & AG of India under Section 619(3) (a) of the Companies Act 1956 and certify that we have complied with the directions / sub-directions issued to us.

For **M.K. DANDEKER & CO.**
Chartered Accountants

Sd/-

(S. Neelakantan)

Partner

M. NO. 018961

Place : Kalpakkam
Dated : 13th May 2008

BALANCE SHEET AS AT MARCH 31, 2008

		(In Rupees)	
	Schedule No.	As at 31.03.2008	As at 31.03.2007
I. SOURCES OF FUNDS			
1. Shareholder's Funds			
a) Share Capital	1	9,781,500,000	5,531,500,000
b) Amount received for share capital pending allotment		—	350,000,000
		<u>9,781,500,000</u>	<u>5,881,500,000</u>
TOTAL		9,781,500,000	5,881,500,000
II. APPLICATION OF FUNDS			
1. Fixed Assets			
a) Gross Block	2	600,195,668	430,952,817
Less : Depreciation/Amortisation		53,663,190	32,959,119
Net Block		546,532,478	397,993,698
b) Capital Work in Progress	3	8,658,928,839	5,054,710,971
		<u>9,205,461,317</u>	<u>5,452,704,669</u>
2. Current Assets, Loans and Advances			
a) Inventories		14,223,847	5,091,707
b) Cash and bank balances		1,073,654,684	777,543,611
c) Other Current Assets		90,848,082	59,346,647
d) Loans and Advances		3,333,871	592,051
		<u>1,182,060,484</u>	<u>842,574,016</u>
Less: Current Liabilities and Provisions	5		
a) Liabilities		550,472,150	379,174,782
b) Provisions		75,555,651	54,609,903
		<u>626,027,801</u>	<u>433,784,685</u>
Net Current Assets		556,032,683	408,789,331
3. Miscellaneous Expenditure (to the extent not written off or adjusted)	6	20,006,000	20,006,000
4. Notes on Accounts	7		
TOTAL		9,781,500,000	5,881,500,000

Subject to our report of even date

For and on behalf of
M.K. DANDEKER & CO.
 Chartered Accountants

For and on behalf of Board of Directors
 BHARATIYA NABHIKIYA VIDYUT NIGAM LIMITED

Sd/-
(S. Neelakantan)
 Partner
 M.NO. 018961

Sd/-
(CS.V.Viswanathan)
 Company Secretary

Sd/-
(CA.B.S. Goyal)
 Director (Finance)

Sd/-
(Dr.S.K. Jain)
 Chairman & Managing Director

PLACE : Kalpakkam
 DATE : 13th May 2008

SCHEDULES ANNEXED TO AND FORMING PART OF ACCOUNTS
SCHEDULE - 1
SHARE CAPITAL

	As at 31.03.2008	(In Rupees) As at 31.03.2007
Authorised		
50,000,000 Equity shares of Rs.1000/- each	50,000,000,000	50,000,000,000
Issued, Subscribed and Paid up		
9781500 Equity Shares (Previous year 5531500 shares) of Rs.1000/- each, fully paid.	9,781,500,000	5,531,500,000
Amount received towards Share capital pending allotment	—	350,000,000
TOTAL	9,781,500,000	5,881,500,000

SCHEDULE - 2
FIXED ASSETS

(In Rupees)

SL. NO.	PARTICULARS	GROSS BLOCK				DEPRECIATION/AMORTISATION				NET BLOCK	
		AS AT 01.04.2007	ADDITIONS	DEDUCTIONS/ADJUSTMENTS	AS AT 31.03.2008	AS AT 01.04.2007	FOR THE YEAR	DEDUCTIONS/ADJUSTMENTS	AS AT 31.03.2008	AS AT 31.03.2008	AS AT 31.03.2007
1	LAND (Leasehold and Freehold)	3,375,017	0	0	3,375,017	0	0	0	0	3,375,017	3,375,017
2	BUILDINGS	265,234,631	75,664,667	0	340,899,298	11,635,235	7,787,515	0	19,422,750	321,476,548	253,599,396
3	PLANT & MACHINERY	144,369,122	87,239,994	0	231,609,116	15,971,751	11,189,934	0	27,161,685	204,447,431	128,397,371
4	FURNITURE, FIXTURES	14,994,573	2,942,555	0	17,937,128	4,572,971	1,167,520	0	5,740,491	12,196,637	10,421,602
5	VEHICLES	963,641	0	0	963,641	248,554	91,546	0	340,100	623,541	715,087
	SUB TOTAL	428,936,984	165,847,216	0	594,784,200	32,428,511	20,236,515	0	52,665,026	542,119,174	396,508,473
	INTANGIBLE ASSETS										
1	COMPUTER SOFTWARES	2,015,833	3,395,635	0	5,411,468	530,608	467,556	0	998,164	4,413,304	1,485,225
	GRAND TOTAL	430,952,817	169,242,851	0	600,195,668	32,959,119	20,704,071	0	53,663,190	546,532,478	397,993,698
	PREVIOUS PERIOD TOTAL	304,772,451	126,180,366	0	430,952,817	12,898,388	15,690,428	4,370,303	32,959,119	397,993,698	291,874,063

SCHEDULE - 3
CAPITAL WORK - IN PROGRESS

	As at 31.03.2008	(In Rupees) As at 31.03.2007
Capital Work-in-progress	3,311,986,658	2,010,229,582
Capital goods and Stores :	370,610,688	146,218,542
Advances against Capital Expenditure Considered good - Unsecured	4,593,668,885	2,668,425,711
Expenditure During Construction Pending Allocation (Schedule 3A)	382,662,608	229,837,136
TOTAL	8,658,928,839	5,054,710,971

**SCHEDULES ANNEXED TO AND FORMING PART OF ACCOUNTS
SCHEDULE - 3A**

STATEMENT OF EXPENDITURE DURING CONSTRUCTION PENDING ALLOCATION

(In Rupees)

	As at 31.03.2008	As at 31.03.2007
ADMINISTRATIVE AND OTHER EXPENSES		
Stores and Spares Consumed	2,103,030	1,707,606
Repairs and Maintenance		
a) Building	3,513,374	2,239,403
b) Civil Maintenance	5,967,932	1,184,726
c) Others	12,671,709	5,352,764
Rent	98,745	30,800
Salaries, Wages and Bonus	61,988,254	49,848,024
Staff Welfare expenses	17,669,127	17,269,509
Contribution to Provident and Other Funds	4,387,484	4,667,451
Rates, Taxes & Insurance	1,438,625	119,686
Travelling and Conveyance expenses	10,070,821	9,058,991
Printing and Stationery	1,426,614	1,221,294
Electricity and Water Charges	12,280,472	3,907,329
Advertisement Expenses	6,696,097	11,162,029
Consultancy Charges	20,476,044	7,206,036
Security Expenses	2,420,064	2,458,294
Sports Expenses	65,025	71,214
Postage & Telegrams	2,236,841	1,759,107
Vehicle Running Expenses	8,769,382	6,961,970
Computer Related Expenses	2,267,733	1,265,110
Office Expenses	4,577,174	4,480,317
Safety Related Expenses	1,629,070	189,611
Testing Charges	113,202	163,579
Other Expenses	1,542,962	1,463,124
Expenses on technological initiatives	5,023,997	—
Expenses on PFBR taken over from IGCAR	—	13,361,392
Fringe Benefit Tax	589,235	1,294,360
Depreciation/amortisation for the year	20,627,725	15,690,428
Depreciation/amortisation for prior period	76,346	4,370,303
TOTAL EXPENDITURE	210,727,084	168,504,457
Less : Income		
Interest (Others)	86,172,488	85,104,361
Provision made for Income Tax	(28,270,876)	(28,743,797)
	57,901,612	56,360,564
NET EXPENSES FOR THE YEAR	152,825,472	112,143,893
ADD OPENING BALANCE	229,837,136	117,693,243
BALANCE C/F TO SCHEDULE -3	382,662,608	229,837,136
TOTAL	382,662,608	229,837,136

**SCHEDULES ANNEXED TO AND FORMING PART OF ACCOUNTS
SCHEDULE - 4**
CURRENT ASSETS, LOANS AND ADVANCES

	As at 31.03.2008	(In Rupees) As at 31.03.2007
A : CURRENT ASSETS		
1. Inventories (Including material in transit) (At cost as certified by the Management)		
i) Store and Spares	14,223,847	5,091,707
	<u>14,223,847</u>	<u>5,091,707</u>
2. Cash and Bank Balances		
i) With Scheduled Banks		
- in current accounts	123,654,684	70,582,435
- in Deposit accounts	950,000,000	706,961,176
	<u>1,073,654,684</u>	<u>777,543,611</u>
3. Other Current Assets		
i) Interest accrued on Deposits/Advances	14,560,042	4,396,317
ii) Interest accrued but not due on loans to staff	76,332	9,416
iii) Others (Advance Tax & TDS)	76,208,208	54,937,414
Others Deposits	3,500	3,500
	<u>90,848,082</u>	<u>59,346,647</u>
B : LOANS AND ADVANCES		
1. Advances recoverable in cash or in kind or for Value to be received		
i) Unsecured		
- Considered good	3,333,871	592,051
	<u>3,333,871</u>	<u>592,051</u>
TOTAL :	<u>1,182,060,484</u>	<u>842,574,016</u>

SCHEDULE - 5
CURRENT LIABILITIES AND PROVISIONS

	As at 31.03.2008	(In Rupees) As at 31.03.2007
A. CURRENT LIABILITIES		
1. Sundry Creditors		
Micro, Small & Medium enterprises and Small Scale Industries	—	—
Others	11,238,718	1,292,912
2. Payable to IGCAR Pre-Project activities	218,584,946	216,809,393
3. Payable to IGCAR other Liability	26,483,888	26,483,888
4. Other Liabilities	294,164,598	134,588,589
	<u>550,472,150</u>	<u>379,174,782</u>
B. PROVISIONS		
1. Gratuity	755,206	647,000
2. Leave Encashment	1,035,388	476,000
3. Income Tax	73,765,057	53,486,903
	<u>75,555,651</u>	<u>54,609,903</u>
TOTAL :	<u>626,027,801</u>	<u>433,784,685</u>

SCHEDULE - 6
MISCELLANEOUS EXPENDITURE
(TO THE EXTENT NOT WRITTEN OFF OR ADJUSTED)

	As at 31.03.2008	(In Rupees) As at 31.03.2007
1. Deferred Revenue Expenditure (Preliminary Expenses)		
Balance as per last Balance Sheet	20,006,000	
Add: During the year	—	
	<u>20,006,000</u>	<u>20,006,000</u>
TOTAL :	<u>20,006,000</u>	<u>20,006,000</u>

SCHEDULES ANNEXED TO AND FORMING PART OF ACCOUNTS

SCHEDULE - 7

NOTES ON ACCOUNTS : for the year ended 31/3/2008

1. SIGNIFICANT ACCOUNTING POLICIES:

a. Basis of Accounting:

The financial statements are prepared under historical cost convention, Accounting Standards, provisions of the Companies Act 1956 and other applicable statutory enactments.

b. Fixed Assets:

Fixed assets owned by BHAVINI are accounted for on historical costs basis.

All fixed assets acquired/constructed by the BHAVINI are capitalised at cost of acquisition/ construction/erection or on engineers' estimates wherever the actual cost is not available.

Assets used during construction are capitalised on its being available for use during construction.

Fixed assets created on land not belonging to BHAVINI, if such assets are in the intended use for BHAVINI - are capitalised at the cost incurred thereon and included in the fixed assets.

c. Capital Work in Progress:

Capital work in progress (CWIP) includes all expenditure for acquisition and construction of assets. Expenditure on acquisition/ construction of assets includes cost of preparing project report, conducting feasibility study, land survey and location study etc. CWIP also includes all indirect costs and all incidental expenditure during construction, pending allocation.

All indirect costs relating to construction of projects are ascertained by either identification or taking the same to 'Expenditure during construction pending allocation' (EDC). This is allocated on prorata basis to the assets capitalised on start of commercial operation.

d.1 Depreciation:

Depreciation on fixed assets is to be provided on straight line method, on the capitalised cost, at the rates notified under the Companies Act 1956.

d.2 Amortisation of Intangible assets:

Softwares which are machine specific and/or purchased along with hardware, are capitalized as 'Plant & Machinery' and depreciated at the rate applicable to 'Computers'.

Softwares which are added as independent 'software', are treated as 'Intangible assets', grouped under 'Fixed Assets' and are amortized over the life of the software wherever it can be ascertained or over 10 years otherwise.

e. Inventory:

Stores & spares are valued at lower of cost and net realizable value (as per technical evaluation). In cases where the costs are not ascertainable, Engineer's estimates are relied upon. 'Costs' include 'cost of purchase' and 'cost of conversion', including incidentals like freight, octroi etc.

f. Retirement benefits:

Leave Salary & Pension Contribution and Provident Fund contributions in respect of employees on deputation from NPCIL, IGCAR/DAE/GOI are accounted as per the norms prescribed and claims made by them. For employees of the Company, Leave salary & gratuity is provided as per actuary valuation and Provident Fund as per scheme under the Provident Fund Act 1952, with the Regional Provident Fund Commissioner.

g. Other Items:

Prior period/pre-paid and Miscellaneous Expenses:

Prior period items are incomes or expenses, which arise in the current period as a result of 'errors' or 'omissions' in the financial statements prepared in earlier years. Effect of changes in estimates are not to be treated as omission or error.

Minor administrative expenses of recurring nature (e.g. telephone bills, insurance premium, rates & taxes, payments for annual maintenance contracts etc) are charged to the revenue account in the year in which these are incurred.

2. CONTINGENT LIABILITIES NOT PROVIDED FOR: (AS CERTIFIED BY THE MANAGEMENT)

As on 31st March 2008,

a. Claims against Company, not acknowledged as debts, since not yet accepted.

- IGCAR : Rs. Nil
(Previous year : 539.99 lakhs)

- Gammon India Ltd. : Rs. 5229.00 lakhs
(Previous year: 111.54 lakhs)

b. No Sales tax Demand is pending (Previous year: NIL)

- c. Unexpired value of Letters of credit is 6341.77 lakhs. (Previous year: NIL)
- d. Estimated amount of contracts remaining to be executed on capital account (net of advances, including LC values) Rs.200,372.79 lakhs (Previous year: Rs.103,150.94 lakhs)
- e. Estimated amount of Rs. 400 lakhs, being a liability in terms of the recommendations of the 6th Central Pay Commission, applicable since 1st January 2006, not treated as liability in absence of any Government Order in this regard.
- f. Bank Guarantee given on behalf of Company is Nil. (Previous year: NIL)
- g. Income-tax demands contested in appeals is Nil. (Previous year: NIL)
- h. No court case is pending. (Previous year: NIL)

3. UNSECURED LOANS:

No unsecured loan has been availed by the Company.

4.1 FIXED ASSETS:

- a) Gross Block of fixed Assets include fixed assets acquired by Company. Fixed assets have been verified by the management and no discrepancy is found.
- b) Land was acquired by DAE/IGCAR and is in the name of Government of India. Hence no value of the same has been taken into account. During the year no expenditure is incurred on development of land (Previous year: NIL). Such expenditure in earlier years has been capitalized as 'Cost of Land'.

4.2 Capital Work in Progress:

- a) During construction period, depreciation on the fixed assets & amortised costs are charged to EDC.
- b) Capital work in progress (Schedule 3) - Rs.33119.87 lakhs, (previous year Rs.20102.30lakhs) includes Rs.252.73 lakhs (Previous year: Rs.252.73 lakhs), being value of material issued to various fabricators by IGCAR against the POs issued for the project, which is subject to confirmation.
- c) In order to comply with the requirements of Accounting Standard-10, Rs.5.89 lakhs (net of reversal of excess provision in the last year of Rs.3.20 lakhs), paid/ provided during the year as fringe benefit tax has been taken to the Schedule-3A (Expenditure during construction) (EDC) (Previous year: Rs.12.94 lakhs).

5. Inventory:

Inventory has been valued at weighted average cost method. In cases where the costs are not ascertainable, Engineers' estimates are relied upon. There are no obsolete or un-serviceable stores as at the close of the year.

6. Depreciation / Amortisation :

a. Depreciation:

Depreciation on fixed assets has been provided on straight-line method, on the capitalized cost, at the rates specified in schedule XIV of the Companies Act, 1956.

b. Amortisation of Intangible Assets:

Softwares which are machine specific and/ or purchased along with hardware, are capitalized as 'Plant & Machinery' and depreciated at the rate applicable to 'Computers'. Softwares which have been/ are added as an independent 'software', are treated as 'Intangible assets, grouped under the 'Fixed Assets' and are amortized over the life of the software wherever it can be ascertained or over 10 years otherwise.

- 7. Against the claim received (initially for Rs. 2708.08 lakhs) from IGCAR/MRPU, towards assets procured/ expenses incurred on PFBR project by them prior to incorporation of the Company, a liability of Rs.2185.85 lakhs (Previous year: Rs.2168.09 lakhs), to the extent identified/reconciled and agreed to by the IGCAR has been accounted for.
- 8. The operation of the Company is considered as a single segment, hence segment reporting as defined in Accounting Standard-17 is not applicable.
- 9. In compliance with Accounting Standard - 18 on 'Disclosure of Related Parties' issued by ICAI, the details pertaining to related party transactions are disclosed as under:

9.1 Key management personnel:

Sr. No	Name	Designation
1	Dr. S K Jain	Chairman & Managing Director
2	Shri R Prabhakar	Director (Technical)
3	Shri Prabhat Kumar	Director (Construction)
4	CA. B S Goyal	Director (Finance)

Total remuneration paid by the Company to 3 whole time Directors for the relevant period is Rs 23.35 lakhs (previous year: Rs. 19.30 lakhs). No remuneration has been paid by the Company to the Chairman & Managing Director (previous year: Nil).

9.2 Dr. S K Jain is the Chairman & Managing Director of the Nuclear Power Corporation of India Ltd also.

9.3 Payments have been made against contracts entered into with the Nuclear Power Corporation of India Ltd. A sum of Rs 730.52 lakhs (including Service Tax) has been paid/provided for during the year (previous year: 454.99 lakhs) on account of services provided by them.

10. Provision for Leave Salary & Gratuity is made based on actuarial valuation. The methodology adopted to value the benefit obligation is "Projected Unit Credit Method".

- a) As the company does not have Plan Assets for the purpose of funding the defined employee benefits scheme, related disclosure is not applicable.
- b) For the actuarial valuation of the liability of Gratuity & Leave Salary, following disclosures are made:

b.1 Values recognized in the statement of EDC

Sl. No.	Particulars	Rs in lakhs (2007-08)	
		Leave Salary	Gratuity
1	Current service cost	10.35	0.85
2	Interest on obligation	0.37	0.52
3	Net Actuarial Gain recognized in the year	(4.88)	(0.29)
4	Past service cost	Nil	Nil
5	Curtailment / Settlement cost	Nil	Nil
6	Total , included in "Employee benefit expenses"	5.84	1.08

b.2 Amount recognised in Balance Sheet

Sl No.	Particulars	Rs in lakhs (2007-08)	
		Leave Salary	Gratuity
1	Present value of funded obligation	Nil	Nil
2	Less- Fair value of plan assets	Nil	Nil
3	Present value of unfunded obligation	10.35	7.55
4	Unrecognised past service cost	Nil	Nil
5	Net liability	10.35	7.55
6	Amount in Balance Sheet - Liabilities	10.35	7.55

b.3 Changes in present value of defined benefit obligations :

Sl. No.	Particulars	Rs in lakhs (2007-08)	
		Leave Salary	Gratuity
1	Opening defined benefit obligation	4.76	6.47
2	Current Service Cost	10.35	0.85
3	Interest on obligation	0.37	0.52
4	Net Actuarial Gain recognized in the year	(4.88)	(0.29)
5	Benefits paid	(0.25)	Nil
6	Closing defined Benefit obligation (1+2+3-4-5)	10.35	7.55

b.4 Principal Assumptions at the Balance sheet date

Sl.	Particulars	Rs in lakhs (2007-08)	
		Leave Salary	Gratuity
1	Mean Financial Assumptions		
	i) Discount rate per unit per annum	0.08	0.08
	ii) Salary escalation rate per unit per annum	0.04	0.04
	iii) Expected rate on plan assets	Nil	Nil
2	Mean demographic assumptions		
	i) Mortality rate	LIC mortality rate	94-96
	ii) Withdrawal /attrition rate	No explicit assumption	Ignored
	iii) Disability / Ill health retirement	No explicit assumptions	

11. a) The Company has details, to the extent available as to which of its suppliers are (i) Micro, small & medium enterprises and (ii) Ancillary/small scale industrial undertakings holding permanent registration certificate issued by the Directorate of Industries of the State/Union territories. As on 31st March 2008, there were no dues payable to such industries.

b) The Company has not received any claim for interest on the Delayed Payments from any of the above enterprises under the relevant Acts.

12. Remuneration to Auditors:

Sr. No.		2007-08 (Rs)	2006-07 (Rs)
i)	Audit Fees: To Statutory Auditors *	72,000	65,000
ii)	As expenses : Paid to Statutory Auditors (on Cash basis)	Nil	12,829

(*Service Tax @ 12.36% - extra)

13 Interest earned on the bank deposits, after making provision for taxation, have been reduced from the expenditure in Schedule 3A -'Statement of expenditure during construction pending allocation'.

14. As there was no commercial activity during the period, no profit & Loss account has been prepared.

15. In the opinion of the Management, the value on realization of current assets, loans and advances in the ordinary course of business is not less than the amount at which these are stated.

16. Advances with suppliers are subject to confirmation in respect of few suppliers.

17. The Central Government has prescribed the maintenance of cost records as per Notification dated 21st December 2001 issued by the Department of Company affairs, Govt. of India, under section 209(1)(d) of the Companies Act, 1956, in relation to the activities of the Company. However, as the company has no turnover during

the period & the plant being under construction, maintenance of cost records is not required as per proviso to the clause 2 of the said Notification.

18. Managerial Remuneration Paid/Payable to the whole time Directors during relevant period:

(Rs. in lakhs)

Sr. No.		2007-08	2006-07
i)	Salaries	19.75	16.35
ii)	Contribution to Pension and other Funds, Provision for leave encashment	3.57	2.92
iii)	Perquisites	0.03	0.03
	Total	23.35	19.30

19. Expenditure in foreign currency (on Payment Basis)

(Rs. in lakhs)

	2007-08	2006-07
Advances for Materials	3249.94	7.92

20. Figures of the previous year have been regrouped/ rearranged wherever necessary to the extent feasible to make them comparable.

21. The amount in the Balance Sheet and schedules annexed are rounded off to the nearest rupee.

22. Schedules 1 to 7 form an integral part of these Accounts.

Subject to our report of even date

For **M.K. DANDEKER & CO.**
Chartered Accountants

Sd/-
(S. Neelakantan)
Partner
M.No: 018961

Sd/-
(CS. V.Viswanathan)
Company Secretary

Sd/-
(CA. B.S.Goyal)
Director (Finance)

Sd/-
(Dr. S.K.Jain)
Chairman & Managing Director

PLACE : Kalpakkam
Date : 13th May 2008

**STATEMENT PURSUANT OF PART IV OF SCHEDULE VI TO THE COMPANIES ACT, 1956
BALANCE SHEET ABSTRACT AND COMPANY'S GENERAL BUSINESS PROFILE**

I Registration Details

CIN

U	4	0	1	0	4	T	N	2	0	0	3	G	0	I	0	5	1	8	1	1
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 Registration No:

5	1	8	1	1
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 State Code

1	8
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 Balance Sheet Date

3	1		0	3		2	0	0	8
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II Capital Raised During the Year (Rs. in thousands)

Public Issue <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>I</td><td>L</td></tr></table>	N	I	L	Rights Issue <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>I</td><td>L</td></tr></table>	N	I	L	
N	I	L						
N	I	L						
Bonus Issue <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>I</td><td>L</td></tr></table>	N	I	L	Private Placement <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>I</td><td>L</td></tr></table>	N	I	L	
N	I	L						
N	I	L						
Issued to Government <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>4</td><td>2</td><td>5</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>	4	2	5	0	0	0	0	
4	2	5	0	0	0	0		

III Position of Mobilisation and Deployment of Funds (Rs. In thousands)

Total Liabilities <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>9</td><td>7</td><td>8</td><td>1</td><td>5</td><td>0</td><td>0</td></tr></table>	9	7	8	1	5	0	0	Total Assets <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>9</td><td>7</td><td>8</td><td>1</td><td>5</td><td>0</td><td>0</td></tr></table>	9	7	8	1	5	0	0
9	7	8	1	5	0	0									
9	7	8	1	5	0	0									
Paid up Capital <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>9</td><td>7</td><td>8</td><td>1</td><td>5</td><td>0</td><td>0</td></tr></table>	9	7	8	1	5	0	0	Reserves and Surplus <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>I</td><td>L</td></tr></table>	N	I	L				
9	7	8	1	5	0	0									
N	I	L													
Secured Loans <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>I</td><td>L</td></tr></table>	N	I	L	Unsecured Loans <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>I</td><td>L</td></tr></table>	N	I	L								
N	I	L													
N	I	L													
Application of Funds															
Net Fixed Assets (including Capital Work in Progress) <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>9</td><td>2</td><td>0</td><td>5</td><td>4</td><td>6</td><td>1</td></tr></table>	9	2	0	5	4	6	1	Investments <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>I</td><td>L</td></tr></table>	N	I	L				
9	2	0	5	4	6	1									
N	I	L													
Net Current Assets <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td></td><td>5</td><td>5</td><td>6</td><td>0</td><td>3</td><td>3</td></tr></table>		5	5	6	0	3	3	Misc. Expenditure <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td><td>6</td></tr></table>	2	0	0	0	0	6	
	5	5	6	0	3	3									
2	0	0	0	0	6										
Accumulated Losses <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>I</td><td>L</td></tr></table>	N	I	L												
N	I	L													

IV Performance of the Company (Rs. In thousands)

Turnover (Gross Revenue) <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>A</td></tr></table>	N	A	Total Expenditure <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>A</td></tr></table>	N	A
N	A				
N	A				
Profit/Loss Before Tax <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>A</td></tr></table>	N	A	Profit/Loss After Tax <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>A</td></tr></table>	N	A
N	A				
N	A				
Earning per Share <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>A</td></tr></table>	N	A	Dividend <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>N</td><td>A</td></tr></table>	N	A
N	A				
N	A				

V Generic Principal Services of the Company (as per monetary terms)

Item Code No.

N	I	L
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 Product Description

G	E	N	E	R	A	T	I	O	N		O	F		P	O	W	E	R
---	---	---	---	---	---	---	---	---	---	--	---	---	--	---	---	---	---	---

For and on behalf of Board of Directors
BHARATIYA NABHIKIYA VIDYUT NIGAM LIMITED

Sd/-
(CS. V. Viswanathan)
Company Secretary

Sd/-
(CA. B.S. Goyal)
Director (Finance)

Sd/-
(Dr. S.K. Jain)
Chairman & Managing Director

PLACE : Kalpakkam
DATE : 13th May 2008

COMMENTS OF THE COMPTROLLER AND AUDITOR GENERAL OF INDIA UNDER SECTION 619(4) OF THE COMPANIES ACT, 1956 ON THE ACCOUNTS OF BHARATIYA NABHIKIYA VIDYUT NIGAM LTD. FOR THE YEAR ENDED 31ST MARCH 2008.

The preparation of financial statements of Bharatiya Nabhikiya Vidyut Nigam Ltd., for the year ended 31 March 2008 in accordance with the financial reporting framework prescribed under the Companies Act, 1956 is the responsibility of the management of the company. The statutory auditors appointed by the Comptroller and Auditor General of India under Section 619(2) of the Companies Act 1956 are responsible for expressing opinion on these financial statements under Section 227 of the Companies Act, 1956 based on independent audit in accordance with the auditing and assurance standards prescribed by their professional body, the Institute of Chartered Accountants of India. This is stated to have been done by them vide their Audit Report dated 13th May 2008.

I on the behalf of the Comptroller and Auditor General of India have conducted a supplementary audit under Section 619(3)(b) of the Companies Act 1956 of the financial statements of Bharatiya Nabhikiya Vidyut Nigam Ltd., for the year ended 31 March 2008. This supplementary audit has been carried out independently without access to the working papers of Statutory Auditors and is limited primarily to inquiries of the statutory auditors and company personnel and a selective examination of some of the accounting records. On the basis of my audit nothing significant has come to my knowledge which would give rise to any comment upon or supplement to Statutory Auditor's report under Section 619(4) of the Companies Act 1956.

Sd/-
(LATA MALLIKARJUNA)
OFFICER ON SPECIAL DUTY

Place: Chennai
Date: 9th June 2008

Brief Resume of Board Members

Dr. S.K. Jain

Dr. S. K. Jain, Distinguished Scientist of the DAE, is Mechanical Engineering graduate from Jiwaji University, Gwalior. Thereafter, he acquired a post graduate qualification in Nuclear Engineering from the BARC Training School in the year 1969. At a stage when the nuclear power program was in its infancy, he joined the erstwhile Power Projects Engineering Division, responsible for setting up and operating the nuclear power stations. As a member of the AECL team, he erected and commissioned the first Heavy Water Reactors amidst a comprehensive trade embargo which was imposed by the supplier countries. His subsequent contribution in the design and construction of India's first indigenous Standard PHWR and leadership in bringing back Narora Unit-I to life in minimum time after a turbine fire incident is well acknowledged within the country and outside. He successfully negotiated with the suppliers and diplomats from the Russian Federation for the set up of two 1000 MWeVVERs at Kudankulam.

He has been conferred an honorary Doctorate by the University of Mangalore for his outstanding contribution in the field of nuclear technology. Besides, he is also a recipient of Indian Nuclear Society Award for the year 2005 in recognition of meritorious scientific and engineering achievements. He has also been awarded Fellowship of Indian National Academy of Engineers.

Dr. Jain has been a part of many national and international missions for the development of the nuclear industry. He is the Chairperson of the Indian Atomic Industrial Forum, which has been responsible for supporting the nuclear power program in the country. He is Chairman of WANO (World Association of Nuclear Operators) and he is also member of the Advisory Committee for Project Safety Review.

Dr. Jain, CMD of NPCIL, with his vast experience in Design & Construction of Nuclear Reactors, took over, on 3rd January 2004, as Chairman & Managing Director of BHAVINI which is constructing 500 MWe Fast Breeder Reactor, representing the commencement of the Second stage of Country's Nuclear programme.

As CMD of NPCIL and BHAVINI, he leads a brilliant team of professionals and aspires to take India's nuclear power program to even greater heights with the indigenous expansion plans and also the distinct possibility of international cooperation.

Shri V.P. Raja

Shri V.P. Raja is an M.Phil. in Social Science and a double postgraduate in Physics and Rural Development Planning. An IAS officer of Maharashtra cadre, he has held responsible posts of the District Collector and the Transport Commissioner in Maharashtra. He has held positions in the Finance and the Urban Development departments. He has served as Secretary in the Government Departments of Trade & Commerce, Housing & Special Assistance,

Higher & Technical Education and Water Supply & Sanitation. He has served in the Department of Education, Ministry of Human Resource Development and the Ministry of Defence while on deputation to the Government of India. He has authored several books and publications on Zero Base Budgeting, State Finances and Economic Reforms. He is a recipient of the P.J. Chinmulgund Public Administration Award for outstanding contribution to Public Administration.

Presently, he is the Principal Adviser, Department of Atomic Energy, Government of India. He is on the Board of BHAVINI since 8th June 2007.

Shri V.R. Sadasivam

Shri V.R. Sadasivam is from the Indian Defence Accounts Service of the 1981 batch. He is a Graduate in Commerce from Loyola College, Madras. After graduation, he was an officer in a nationalized bank for nearly 6 years. After joining the Civil Service, he has worked in different locations of the Defence Accounts Department like Meerut, New Delhi, Madras, Bangalore and Mumbai. Before joining DAE as Joint Secretary (Finance) in July 2007, he was Controller of Defence Accounts (R&D), Bangalore, entrusted with payment, accounting, audit and financial advice responsibilities for DRDO labs. He has worked earlier in DAE, in IGCAR during 1994-95 and as IFA, BARC from 1998-2002. He is on the Board of BHAVINI since 18th July 2007.

Dr. S. Banerjee

Dr. S. Banerjee obtained his B.Tech in Metallurgical Engineering with first class honours from IIT, Kharagpur and was trained at the BARC Training School before he joined BARC. He was awarded the Ph.D. in metallurgical engineering by IIT, Kharagpur on the basis of the work carried out by him in the first few years of his career at BARC.

He is one of the leading experts in materials science and technology in the country and has made outstanding contribution to many materials related areas, basic as well as application oriented. His comprehensive work on the physical metallurgy of zirconium alloys is widely quoted in scientific literature. His work has also provided a basis for developing a novel fabrication schedule for the pressure tubes used in the Indian PHWRs.

He has held some visiting positions overseas, such as the University of Sussex, Brighton, UK, Max-Planck Institut fuer Physik, Stuttgart and Forschungszeutrum Juelich, Germany (as Alexander von Humboldt Foundation Fellow and Awardee), University of Cincinnati and the Ohio State University, USA (as Visiting Faculty).

In recognition of his contribution to research, he has received many awards. Notable amongst them are National Metallurgists' Day Award (1981), Shanti Swarup Bhatnagar Prize in Engg. Sciences (1989), Indian Nuclear Society

(INS) Award (2003) and Padma Shri (2005). He is on the Board of BHAVINI since 12th January 2005.

Dr. Baldev Raj

Dr. Baldev Raj, an Engineering Graduate from Ravishankar University, Ph.D. from IISc, is Distinguished Scientist & Director, Indira Gandhi Centre for Atomic Research, Kalpakkam, Department of Atomic Energy. His specializations include materials characterization, testing and evaluation using nondestructive evaluation methodologies, materials development and performance assessment and technology management. He has steered and participated in many national programmes of great significance namely DST project on Intelligent Processing of Materials, Characterization of Cultural Heritage, IAE programmes of ageing management, Dept. of Space and Dept. of Defence programmes. He has 38 years of experience, which has led to many first of its kind observations and discoveries in the field of materials characterization and applications. He is known for his contributions to KAMINI Reactor, hot cell facilities for examination and reprocessing of fuels and reactor technology particularly in the area of materials and manufacturing technologies. Most of these technologies needed focus on indigenization with stringent performance requirements. He has won major national and international awards; to name a few G.D. Birla Gold Medal, VASVIK Award, ICNDT Best Researcher Award, Raman-Chandrasekaran Interdisciplinary Award by Acoustical Foundation for Education and Charitable Trust, Jaeger Lecture Award by International Institute of Welding, Life Time Achievement Award by IIW, Life Time Achievement Award by ISNT, MRSI-ICSC Superconductivity and Materials Science Annual Prize, Indian Nuclear Society Award, etc. He has more than 700 publications, 38 books and special volumes of journals (co-author of 12 books / monographs and co-editor of 30 books & special journal volumes). He has 5 Indian Standards and 16 patents to his credit. His interests include technology management, heritage, philosophy, theosophy and education. He is on the Board of BHAVINI since May 28, 2004. In recognition of Dr. Baldev Raj's importance contributions, he has been honoured with Padma Shri award.

Shri S.C. Chetal

Shri S.C. Chetal graduated in Mechanical Engineering from Delhi College of Engineering in 1970. After graduating from the 14th Batch of BARC Training School, he joined IGCAR in 1971. Since 1971, he has been engaged in the field of fast reactor engineering. He has made contributions towards design of FBTR sodium systems and components. At present, he is Distinguished Scientist & Director, Reactor Engineering Group, IGCAR. He has made contributions towards the material selection, manufacturing technology, R&D, design and construction of 500 MWe Prototype Fast Breeder Reactor. He is member of many professional institutions and fellow of Indian National Academy of Engineering. He is a recipient of Indian Nuclear Society INS Award 2003 for contributions towards nuclear related high technology, National Design Award-2007 by

Institution of Engineers, 2003 VASVIK Award, Agni Award for Excellence in Self-reliance by DRDO for titanium sponge production and Certification of Appreciation by IAEA towards fast reactor technology. His interests include pressure vessel and materials technology. He has to his credit 340 publications in Journals/Symposium/Conferences. He is on the Board of BHAVINI since January 12, 2005.

Shri S. P. Sethi

Shri S.P. Sethi completed his engineering and business management degrees in 1974. He began his career in the Tata Administrative Services. After working in several Tata Companies, he became group head for international projects. In 1984, he joined the International Finance Corporation (IFC), Washington-the developing world's largest source of venture capital. Shri Sethi's experience covers Industry, Banking, Capital Markets, Infrastructure and Energy, including Power, Hydrocarbons, Energy efficiency, Renewables and Climate change mitigation. He has worked in over thirty countries and was Chief Investment Officer at IFC prior to joining Government of India in 2001. He lends his diverse global experience across public and private sector to BHAVINI's Board.

Presently, he is Principal Adviser (Energy) to the Planning Commission. He is on the Board of BHAVINI since 12th January 2005.

Shri Puneet Kumar Goel

Shri Puneet Kumar Goel is B. Tech in Electrical Engineering from IIT, Kanpur and M. Tech in Power System Engineering from IIT, Delhi. He is also a Post Graduate in Computer Network from USC, Los Angeles.

Shri Puneet Kumar Goel, I.A.S., has worked in different capacities in District Administration at Goa and Arunachal Pradesh. He was Additional General Manager in Delhi Vidyut Board, Director (Finance) in Delhi Jal Board and Secretary, Finance and Power in Andaman & Nicobar Island Administration. Currently, Shri Puneet Kumar Goel is Director in Ministry of Power, Government of India. He is on the Board of BHAVINI since April 19, 2006.

Shri R. Prabhakar

Shri R. Prabhakar, obtained his BE degree in Electrical Engineering from the University of Madras in 1970. After graduating from the 14th Batch of BARC Training School, he joined IGCAR in August, 1971. Till May 2002, he was associated with Engineering R&D, initially in support of the 40 MWt Fast Breeder Test Reactor Project and subsequently, in support of Prototype Fast Breeder Reactor design. Some of his major contributions to FBTR Project are calibration of flow meters in sodium, performance testing of primary pumps in water and purification of commercial sodium to reactor grade. Subsequently, as Head, Hydraulics and Components Division at IGCAR, Shri R. Prabhakar was responsible for PFBR Centrifugal sodium pump development, experimental thermal hydraulics studies utilizing models of reactor components and development of components required for shutdown

mechanisms. During the above period, he has participated in a number of national and international conferences and also has many journal publications to his credit.

In May 2002 he assumed the responsibility of PFBR Project implementation as Project Manager, PFBR Construction Group. He was responsible for site infrastructure works, pre-project activities, administrative formalities for getting approval for PFBR Project and the incorporation of BHAVINI.

He is on deputation to BHAVINI as Director (Technical) from October 22, 2003. Technical Directorate is responsible for procurement of all the nuclear components and other major packages like Turbine Generator, Instrument & Control System etc., QA in Procurement and Field Engineering.

Shri Prabhat Kumar

Shri Prabhat Kumar, Distinguished Scientist started his career in Department of Atomic Energy from 18th batch of BARC Training School and subsequently joined Power Projects Engineering Division. He has been associated with Design of Reactor Equipments, Procurement, Reactor Maintenance, QA and ISI, Life Management, Remote Tooling and Construction.

He is a person of versatile personality with varied interests in various areas of Management, Science and Technology. He has initiated several new programmes in Nuclear Power Corporation of India Ltd. which includes Reactor Cooling Channel Life Management which is life line of the Reactor and R&D centre for Nuclear Power Corporation of India Ltd.

Shri Prabhat Kumar is a leader and an extrovert. He is in a position to lead people along with him.

He has done several experimentation in Construction Management and has done several novel works. He has motivated his team to carry out several innovative in construction of first of its type reactor i.e. Prototype Fast Breeder Reactor; technology demonstration of which is strategically vital for India, success of this technology is expected to take India to energy security.

He is quite conscious to human values and therefore he is accepted by the society wherever he goes. His endeavor towards Corporate Social Responsibility and neighbourhood development have helped in creating a harmonious relation between DAE establishments and its neighbourhood.

Shri Prabhat Kumar is on deputation to BHAVINI as Director (Construction) from November 15, 2003 and inducted into the Board w.e.f. January 12, 2005.

CA. B.S. Goyal

CA. B S Goyal is with BHAVINI since December 1, 2003 and is a member of the Board of Directors since January 12, 2005.

He was with Nuclear Power Corporation of India Ltd.(NPCIL) since February 1989. In NPCIL, he worked at its Rajasthan Atomic Power Station, Kakrapar Atomic Power Station & NPCIL Head Quarters, where in addition to his official duties as head of the Finance & Accounts of the Unit/Group, he headed 'The KAPP Employees' Co-operative Consumer Society Ltd' for over 2 years and was a 'member' of the 'Local Managing Committee' of the 'Atomic Energy Central Schools' during his stay at Rajasthan & Kakrapar. At NPCIL Head Quarters, he headed the 'Resource Mobilisation Group' in the first spell and in second, he headed the 'Financial Evaluation Group' & for some time the 'Project Finance Group' also. In addition, at NPCIL he has successfully handled many important, task oriented, challenging & time bound assignments in the F&A area.

Prior to joining NPCIL, Shri Goyal was heading the 'Management Services & EDP department' in a state public sector undertaking, having Sugar Mills & Industrial Alcohol plant. There, he was responsible for Management Audits, Internal Audits, MIS & EDP areas. In his long career, having worked in mechanical, electronics & electro-mechanical, hosiery & knitwear, sugar & chemical industries prior to joining power sector, Shri Goyal has handled a variety of assignments & has a very good exposure in the areas of Project financing & monitoring; Resource mobilization & allocation/ management; Working Capital arrangements & management; Designing & implementation of MIS; Costing; Audits (including management audits); Systems designing & implementation and Data processing.. Always conscious for compliance to systems & procedures/ rules & regulations, he has set-up a good number of 'procedures' for internal controls/internal checks at BHAVINI.

With over 30 years professional experience, CA. B S Goyal, a commerce graduate, a diploma holder in 'System Analysis & Data Processing' and fellow member of the Institute of Chartered Accountants of India, is a whole time Director on the Board and is responsible for entire Corporate Finance functions at BHAVINI.

PROJECT PROGRESS AT A GLANCE



Erection of Safety Vessel



Main Vessel



Inner Vessel



Core Support Structure



Erection of Sodium Tank



Overall view of Nuclear Island Connected Buildings (NICB)



Intake structure



Machining of top plate for Grid Plate.



Primary pipe-spherical header with nozzles.



Tube Bundle Assembly of Steam Generator

