

P.H. COFFEY - RESUME

NAME : Peter Hilary Coffey

ADDRESS : 4 Robecq Avenue,
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DATE OF BIRTH : 31st March, 1933

NATIONALITY : Australian

PLACE OF BIRTH : Concord West, N.S.W.

MARITAL STATUS : Married

FAMILY : 1 Daughter - Gabrielle - born 31.12.61
3 Sons - Simon - born 18. 6.65
- John - born 19. 7.66
- Michael - born 28. 6.71
Wife - Noela - born 27. 1.34

QUALIFICATIONS

1. Bachelor of Engineering (Civil) - Sydney University, 1958
2. Fellow, Institution of Engineers, Australia
3. Fellow, Institute of Quarrying
4. Certificate of Service as Manager of an Above Ground Mine Class A, B, C.
5. Member of Board of Examiners for "Above Ground Mine Managers" - Appointed for 3 years commencing 1st January 1983 by P.D. Hills in terms of Section 6 of Mines Inspection Act, 1901.

OTHER INTERESTS

1. Active participant in tennis, squash and sailing
2. Past President and life member of Eastwood Marist Rugby League Football Club.

December 1957 to December 1959 - Metropolitan Water Sewerage and Drainage Board, Sydney

Assistant Engineer C Grade

6 months in design office working on reinforced concrete design including elevated pipe lines and other structures in the sewerage system.

18 months supervising the construction of minor sewer extensions.

This work involved surveying for construction purposes and the responsibility for control of costs.

December 1959 to September 1960 - Department of Main Roads, NSW.

Assistant Engineer in the Bridge Section working on the design and drawing of bridges and other structures in both steel and reinforced concrete.

September 1960 to September 1961 - Thiess Bros.

Assistant Site Engineer for the construction of the concrete lined cooling water tunnel at Wangi Power Station. This position involved responsibility for control survey and supervision of the work force.

The tunnel was about 1km in length and about 4 metres in height with a reinforced concrete screen house at the power station end and a reinforced concrete intake structure at the lake end which was constructed inside a sheet piled coffer dam. The contract was completed by September, 1961 and over the last 2 months I supervised the earthworks for the coal handling area at Vales Point Power Station.

September 1961 - July 1964 - Dowsett Engineering (Aust) Pty. Ltd.

Assistant Manager - Newcastle area. This position involved the preparation of tenders for and supervision of civil works in the Newcastle area.

The majority of the work was carried out on the site of the B.H.P. Steelworks where we built the foundations for the No.4 Blast Furnace and Basic Oxygen Steel Plant. Both of these jobs required the design and construction of sheet piled excavations in water charged around for 10 to 12 metre deep concrete foundations. The work was carried out by Dowsett's direct labour force of carpenters and labourers and making use of Dowsett's Ruston Bucyrus excavators and cranes.

A major job which we secured by tender was the Tomago Water Treatment Plant for the Hunter District Water Board. This project called for the preparation of the sand foundation and

the construction of a series of concrete tanks which required accurate placement for the installation of mechanical equipment.

July 1964 to April 1965 - Humes Limited

Project Engineer for the Captain Cook Bridge.

I jointed Humes Limited to complete the manufacture of the precast concrete segments to be supplied to John Holland for the construction of the Captain Cook Bridge. The project had encountered some problems prior to my commencement and in order to meet contractual obligations it was necessary to ensure that the precast segments were cast to an extremely high standard of finish and in accordance with a rigid delivery programme.

After successful completion on time of this project I stayed on to cast a series of prestressed concrete beams and columns for the roof of the Maroubra Reservoir.

April 1965 to June 1968 - Ray Fitzpatrick Quarries Pty. Ltd

I commenced with Ray Fitzpatrick Quarries as Construction Engineer and progressed to Chief Estimator and then to Construction Manager responsible for the preparation of tenders and the construction of civil works with an emphasis on roadwork.

The work load was about 20 subdivisions in the Sydney area under construction at one time. This level of work necessarily required the submission of tenders sufficient to maintain this work load.

The earthworks and pavement construction were carried out by direct labour while concrete and drainage were carried out by sub contractors.

Some notable projects were the construction of 1 mile of the Hawkesbury to Mount White Toll Way and the Seaham Weir for the Hunter District Water Board.

The Toll Way was carried out as a sub contract to K.D. Morris who was the head contractor. My first task on joining Fitzpatrick was to complete this contract which was losing money and diverting resources from profitable work in the metropolitan area.

The Seaham Weir was secured as a result of a successful tender submitted to the Hunter District Water Board for the construction of a rock fill weir across the Williams River. The project was secured at a favourable price by quarrying rock adjacent to the site and saving a haul of about 15km from Frost's Quarry, the nominated supplier.

Prior to the placing of rock for the weir the river bed required dredging to a depth of about 25 metres carried out by cutter suction dredge. In addition the site quarry was opened and rock was delivered and placed in the weir and ancillary concrete structures were built.

June 1968 to July 1973 - White Industries Limited

I joined Birdsall and White Pty. Limited when Geoff White asked me to go to Nowra as Project Manager for the Danjera Creek Dam the first contract secured by his recently formed company.

The contract (\$2 million) called for the construction of a diamond head buttress concrete dam and spillway together with an earthfill saddle dam.

I was responsible for all aspects of construction including;

- Cofferdams
- Excavation in rock for foundations and spillway
- Winning of gravel from the creek
- Site crushing of aggregate
- Site mixing of concrete
- Forming and placing concrete
- Preparation of payrolls on site
- Preparation of monthly claims and collection of progress payments.

During the last year of the dam project we secured the site preparation for the Jervis Bay Nuclear Power Station (\$1million). I acted as Project Manager for this job in conjunction with the dam. In addition to this we carried out site preparation for the International Air Terminal at Kingsford Smith Airport including 100 acres of grassing.

Upon completion of the work in Nowra I returned to Sydney as the Metropolitan or South Area Manager. A number of projects were carried out including the site preparation for the Tactical Trainer Building at South Head which required the blasting of a 12 metre excavation in rock adjacent to buildings.

While I was with the company Geoff White bought out his partners in Birdsall and White Pty. Ltd., and traded as G.B. White Pty. Ltd. Later, the public company White Industries Limited was formed and I joined the Board as an Executive Director. In addition to this I was a Director of Spraygrass Services Pty. Ltd., a company jointly owned by G.B. White Pty. Ltd. and Hardboards of Australia.

July 1973 to January 1983 - B.M.I. Limited

I joined the Technical Services Department as Senior Engineer

in charge of a number of projects including the rock supply contract to Atkinson-Leighton for the construction of the Botany Bay Port Development.

I progressed to the position of Group Construction Manager responsible for all construction within the BMI Group. In this position I was responsible for the construction of the \$4 million Kempsey Brickworks for Clark Brick Limited and the conversion of the Clark Tile Plant in Victoria to manufacture a wider tile.

In January, 1978 I transferred to BMG Quarries as Operations Manager.

In this position I was responsible for all aspects of manufacture of quarry products in the following areas;

Dunmore Quarry	300,000 tonnes/year.
Port Kembla Slag Plant	600,000 tonnes/year
Menangle Quarry	250,000 tonnes/year
Prospect Quarry	2,000,000 tonnes/year
Emu Quarry	1,800,000 tonnes/year
Richmond Quarry	100,000 tonnes/year
Freemans Reach	20,000 tonnes/year
Peats Ridge	300,000 tonnes/year

My responsibilities included the production of aggregates and other quarry materials for the minimum cost in accordance with specifications and the development of new extraction areas all in accordance with the terms of the relevant legislation. Annual turnover in production of quarry products was \$26 million.

January 1983 to December 1983 - Consulting Engineer

Using my experience in the contracting industry and skills in other fields of my profession, I practised as a private Consulting Engineer.

During this period I undertook the short term management of a small contracting company and various assignments to prepare tenders for civil engineering works including the Burdekin Falls Dam for the Queensland Water Resources Commission.

January 1984 to Present - Abignano Limited (Now Abigroup Limited)

My activities as a consultant included a number of assignments for Abignano Limited and led to my appointment to the staff of the Engineering Services, Division of Abignano Limited.

In this position I provide technical expertise as required to other sections of the company. An important part of my activ-

ities is the preparation of tenders for work in competition with the major contractors in the industry.

The position has afforded me the opportunity to keep abreast of current planning and construction methods as well as gain valuable insight into the use of computers as an aid to planning and the use of resources.

While in this position my activities have been such that I have been able to maintain and extend my association with colleagues in contracting fraternity and government departments.

Peter Coffey ---- Career notes

Year	Duration	Activity
1957	2yrs.	MWS & DB -- 1/2 yr design, 11/2 yr field supervision
1959	10 mths.	DMR des & dwg -- bridges
1960	1 yr.	Thiess Bros. const. cooling water tunnels Wangi PS.
1961	3 yrs	Dowsett Eng. Asst Mgr. Newcastle Area Prep. tenders, works supervis'n
1964	9mths	Humes Ltd. Proj. Engr. Captain Cook bridge
1965	3 yrs	Ray Fitzpatrick Quarries. Chf. estimator, Const. Mgr., roadworks
1968	5 yrs	White Industries. Danjera Ck. dam Site prep Atomic nrg PS Jervis Bay Kingsf'd Smith Int. airprt Exec Director.
1973	10 yrs	BML. Sen. Engr Tech. Serv. then Group Const Mgr Kempsey Brickworks \$4 mill. Clark Tile Operating Mgr BMG Quarries consult.engr. civil wks
1983	1 yr	
1984	12 yrs	Abingnano Ltd. tender prep. use of resources project planning etc. etc.